

GenCore version 5.1.9
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OM nucleic - nucleic search, using sw model

Run on: September 1, 2006, 10:32:31 ; Search time 1078 Seconds
(without alignments)
10845.319 Million cell updates/sec

Title: US-10-663-433-1
Perfect score: 6978
Sequence: 1 atgaagaaggtctcaaca.....agaatgcctcagccagatga 6978
Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 2031123 seqs, 837722392 residues

Total number of hits satisfying chosen parameters: 4062246

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Pending Patents NA New:*
1: /EMC_Celerra_SIDS3/ptodata/1/pna/PCT_NEW_COMB.seq.*
2: /EMC_Celerra_SIDS3/ptodata/1/pna/US06_NEW_COMB.seq.*
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7: /EMC_Celerra_SIDS3/ptodata/1/pna/US11_NEW_COMB.seq.*
8: /EMC_Celerra_SIDS3/ptodata/1/pna/US60_NEW_COMB.seq.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

GenCore version 5.1.9
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OM nucleic - nucleic search, using sw model

Run on: September 1, 2006, 10:39:35 ; Search time 1119 Seconds
(without alignments)
10283.043 Million cell updates/sec

Title: US-10-663-433-1

Perfect score: 6978

Sequence: 1 atgaagaagggtctcaaca.....agaatgcctcagcagatga 6978

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 2281053 seqs, 824500224 residues

Total number of hits satisfying chosen parameters: 4562106

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA New:

- 1: /EMC Celerra SIDS3/ptodata/1/pubpna/US09 NEW PUB.seq.*
- 2: /EMC Celerra SIDS3/ptodata/1/pubpna/US06 NEW PUB.seq.*
- 3: /EMC Celerra SIDS3/ptodata/1/pubpna/US07 NEW PUB.seq.*
- 4: /EMC Celerra SIDS3/ptodata/1/pubpna/US08 NEW PUB.seq.*
- 5: /EMC Celerra SIDS3/ptodata/1/pubpna/US10 NEW PUB.seq.*
- 6: /EMC Celerra SIDS3/ptodata/1/pubpna/US11 NEW PUB.seq.*
- 7: /EMC Celerra SIDS3/ptodata/1/pubpna/US12 NEW PUB.seq.*
- 8: /EMC Celerra SIDS3/ptodata/1/pubpna/US13 NEW PUB.seq.*
- 9: /EMC Celerra SIDS3/ptodata/1/pubpna/US14 NEW PUB.seq.*
- 10: /EMC Celerra SIDS3/ptodata/1/pubpna/US15 NEW PUB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	ID	Description
1	6978	100.0	US-11-266-748A-23829	Sequence 23829, A
2	3008.6	43.1	US-11-266-748A-22936	Sequence 22936, A
3	2873.6	41.2	US-11-293-697-2049	Sequence 2049, Ap
4	576	8.3	US-11-266-748A-221970	Sequence 221970, A
5	576	8.3	US-11-266-748A-287600	Sequence 287600, A
6	576	8.3	US-11-266-748A-339029	Sequence 339029, A
7	576	8.3	US-11-266-748A-398335	Sequence 398335, A
8	576	8.3	US-11-266-748A-469381	Sequence 469381, A
9	292.6	4.2	US-11-266-748A-60629	Sequence 60629, A
10	292.6	4.2	US-11-266-748A-212659	Sequence 212659, A
11	292.6	4.2	US-11-266-748A-236039	Sequence 236039, A
12	285	4.1	US-11-266-748A-54169	Sequence 54169, A
13	190	2.7	US-11-266-748A-87312	Sequence 87312, A
14	190	2.7	US-11-266-748A-140123	Sequence 140123, A
15	166.2	2.4	US-11-266-748A-271052	Sequence 271052, A
16	166.2	2.4	US-11-266-748A-331569	Sequence 331569, A
17	163	2.4	US-11-266-748A-368717	Sequence 368717, A
18	165	2.4	US-11-266-748A-329234	Sequence 329234, A
19	98.6	1.4	US-11-266-748A-87962	Sequence 87962, A
20	98.6	1.4	US-11-266-748A-140773	Sequence 140773, A
21	79.2	1.1	US-11-218-305-12130	Sequence 12130, A
22	72.2	1.0	US-10-540-898-631	Sequence 631, App
23	71.2	1.0	US-10-540-898-315	Sequence 315, App

ALIGNMENTS

RESULT 1

US-11-266-748A-23829

; Sequence 23829, Application US/11266748A

; Publication No. US20060134663A1

; GENERAL INFORMATION:

; APPLICANT: Harkin, Paul

; APPLICANT: Johnston, Patrick

; APPLICANT: Mulligan, Karl

; TITLE OF INVENTION: Transcriptome Microarray Technology and

; FILE REFERENCE: 55815-0102 (319189)

; CURRENT APPLICATION NUMBER: US/11/266,748A

; CURRENT FILING DATE: 2005-11-03

; PRIOR APPLICATION NUMBER: EP 04105479.2

; PRIOR FILING DATE: 2004-11-03

; PRIOR APPLICATION NUMBER: EP 04105482.6

; PRIOR FILING DATE: 2004-11-03

; PRIOR APPLICATION NUMBER: EP 04105483.4

; PRIOR FILING DATE: 2004-11-03

; PRIOR APPLICATION NUMBER: EP 04105507.0

; PRIOR FILING DATE: 2004-11-03

; PRIOR APPLICATION NUMBER: EP 04105485.9

; PRIOR FILING DATE: 2004-11-03

; PRIOR APPLICATION NUMBER: EP 04105484.2

; PRIOR FILING DATE: 2004-11-03

; PRIOR APPLICATION NUMBER: US 60/662,276

; PRIOR FILING DATE: 2005-03-14

; PRIOR APPLICATION NUMBER: US 60/700,293

; PRIOR FILING DATE: 2005-07-18

; NUMBER OF SEQ ID NOS: 483996

; SOFTWARE: PatentIn version 3.3

; SEQ ID NO 23829

; LENGTH: 6978

; TYPE: DNA

; ORGANISM: Homo Sapiens

; US-11-266-748A-23829

Query Match

Best Local Similarity 100.0%; Score 6978; DB 8; Length 6978;

Matches 6978; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 ATGAAGAAAGGTTCTCAACAAATAATTTCTCCAAAGCAAGATACCATCATCTCAC 60

Qy 61 TCTCCTATCCCATCATCTATGTCTCCATATGAGATCTAGTCTCACTTTCACCTTTGATTGGA 120

Sequence 691, App
Sequence 417, App
Sequence 48100, A
Sequence 219138
Sequence 259864
Sequence 279040
Sequence 320381
Sequence 115849
Sequence 158013
Sequence 285639
Sequence 337068
Sequence 68593, A
Sequence 104932
Sequence 121404
Sequence 68594, A
Sequence 104933
Sequence 121405
Sequence 259863
Sequence 279039
Sequence 320380
Sequence 18594, A
Sequence 101, App

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C 25 64.8 0.9 5493 6 US-10-517-441-417
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QY	2401	GATGGTTGGTTCTCCAGAGAAAGTGCGAGCTCGTGTGAGTAGCTAAGAGAAAACCTG	2460	
Db	2401	GATGGTTGGTTCTCCAGAGAAAGTGCGAGCTCGTGTGAGTAGCTAAGAGAAAACCTG	2460	
QY	2461	AAATTTAGGAACTGGGAAATGAAATCATCATAGTCTCTCAGATGCTTGGGAAAGTCTT	2520	
Db	2461	AAATTTAGGAACTGGGAAATGAAATCATCATAGTCTCTCAGATGCTTGGGAAAGTCTT	2520	
QY	2521	GCTGATTTACAGAAACAAATTCAGTGAATTTCTGCAGCTCCAGTGGGAAAGATGAA	2580	
Db	2521	GCTGATTTACAGAAACAAATTCAGTGAATTTCTGCAGCTCCAGTGGGAAAGATGAA	2580	
QY	2581	GCAAGTTAGAGAGAGAAATCTCAAAGAAATGCTCTGAGCAAGAGAACTGGCA	2640	
Db	2581	GCAAGTTAGAGAGAGAAATCTCAAAGAAATGCTCTGAGCAAGAGAACTGGCA	2640	
QY	2641	ACTGGACAAGAGTTCCAGGAGGCTCTGAGAGAGCCCTGGAGCAAGATGAAATTTT	2700	
Db	2641	ACTGGACAAGAGTTCCAGGAGGCTCTGAGAGAGCCCTGGAGCAAGATGAAATTTT	2700	
QY	2701	GATTAAGAGGCAACATGAAGCAAGAAATCCAGCAATGAGAGATGAAATTTTCAATTTGCAA	2760	
Db	2701	GATTAAGAGGCAACATGAAGCAAGAAATCCAGCAATGAGAGATGAAATTTTCAATTTGCAA	2760	
QY	2761	GAAATCTAAAGATAGTGGAGGAAATCCAGGCTTACAGATCTCCAACTTCAGGAAGCT	2820	
Db	2761	GAAATCTAAAGATAGTGGAGGAAATCCAGGCTTACAGATCTCCAACTTCAGGAAGCT	2820	
QY	2821	GATGAAGAGAGGAGAAATTTGGGCCCACTCGAGAGTTAGAGAAAGAGAACTT	2880	
Db	2821	GATGAAGAGAGGAGAAATTTGGGCCCACTCGAGAGTTAGAGAAAGAGAACTT	2880	
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Db	2881	GAAGATGCCAAATCTCAGGAGCAAGTTTGGTTTATAGATAAGAACTGAAGAACTAAAG	2940	
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Db	2941	AAAGCGTGCCCACTCTGATAGCTAGCCACAGCTCAGCTCACCATTGCCAAAGACCAG	3000	
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Db	3001	CTGAAGTCCCTTCATGGAACCTGTTATGAAAATTAACAGAGCGGAGGAGTTGCGAG	3060	
QY	3061	GAAGCAGAGAGTTTACAGCAAGGAGGAGCAAGAGCAGAGATCTCACCCGAGCAGAA	3120	
Db	3061	GAAGCAGAGAGTTTACAGCAAGGAGGAGCAAGAGCAGAGATCTCACCCGAGCAGAA	3120	
QY	3121	GCTGAGATCGAACTCTCTGAGAAATCTCCTCAGGAGAAAGGGGAGCAGTTTTCGACTTGAG	3180	
Db	3121	GCTGAGATCGAACTCTCTGAGAAATCTCCTCAGGAGAAAGGGGAGCAGTTTTCGACTTGAG	3180	
QY	3181	ATGGAGAAAACAGGTGTAGGTACTGGAGCAAACTCAGAGTCTTAGAAATTTGAGAACTG	3240	
Db	3181	ATGGAGAAAACAGGTGTAGGTACTGGAGCAAACTCAGAGTCTTAGAAATTTGAGAACTG	3240	
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Db	3241	AATGAGCAATGGAACCAAGAGGAGATTCAGAGGCTCGAGAGTGTACTAGACCTC	3300	
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Db	3301	ACTGGAGTGAACAACAGGAGGCTTTGAAAATTTTGAAGAAATTTGCTGAACCTTGA	3360	

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QY	3541	CGCCTTGGGAGCAGAGATGGAAAGAGGAGGAGCACTCACTCCCTGCTCAGGATACTGG	3600
Db	3541	CGCCTTGGGAGCAGAGATGGAAAGAGGAGGAGCACTCACTCCCTGCTCAGGATACTGG	3600
QY	3601	GTTTATTCTCCCATCAGGAGTGGTTTACATAAACTGTTTCAAGTAGAGTAGACAGT	3660
Db	3601	GTTTATTCTCCCATCAGGAGTGGTTTACATAAACTGTTTCAAGTAGAGTAGACAGT	3660
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Db	3721	CTCTCTGGATACATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG	3780
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Db	3781	GCCTCTGTATGCAACACCT	3840
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Db	3901	TTCTCCATCCCTTCT	3960
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Db	4141	CATAGAACTGTCCAGAAACGTCAACAGCAAAAGAGCTTCAATGATGAAATGTTGAGAGT	4200
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QY	4261	ATTGAGTGAATTCAGAGAGAGTCTTCTGAAACGTCTCAGAGCTCAGGAGAGCTGACCGA	4320
Db	4261	ATTGAGTGAATTCAGAGAGAGTCTTCTGAAACGTCTCAGAGCTCAGGAGAGCTGACCGA	4320
QY	4321	CTCTCTGAGAGGCTGAGAGTGAATTTTTCATGCACTAAAGAAAGAGAGAGAGAGAGAGAG	4380
Db	4321	CTCTCTGAGAGGCTGAGAGTGAATTTTTCATGCACTAAAGAAAGAGAGAGAGAGAGAGAG	4380
QY	4381	GAAAAGTTCACATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG	4440
Db	4381	GAAAAGTTCACATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG	4440
QY	4441	GAAAGAGAGCTCAGGAGAGTCTGCTTAACTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT	4500

|||||
4441 GAAAGGAGAGCTCAGGAAACTGCTGTTAACTCTGCTCAAGCTGATCAGCAGCTAAGATCG 4500
QY
|||||
4501 CTCAGGCTGATCAAAAGGATTTGGAGCAGACAAAATCAAGCAAGAGAAATCTTGAAA 4560
Db
|||||
4501 CTCAGGCTGATGCAAGGATTTGGAGCAGACAAAATCAAGCAAGAGAAATCTTGAAA 4560
QY
GAAATAAACAATAATGTAGCAGCAAAAGACTCAGACTTCCAATGTTTAAAGCAAGAGAG 4620
Db
GAAATAAACAATAATGTAGCAGCAAAAGACTCAGACTTCCAATGTTTAAAGCAAGAGAG 4620
QY
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Db
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QY
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Db
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QY
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Db
GAGTGTGAAAAGCTGAAAAGCCAGGTGACAAGTCAAGTCAAGCAGCAGAGAGATGGCTTGGAC 4800
QY
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Db
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QY
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Db
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Db
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Db
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QY
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Db
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QY
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Db
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Db
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Db
5521 CTAAACAGAGACAAGTTGTCTGCTGCTATACGACATTTTCAGCAATGCAACAGCAGCTCCAA 5580
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6661 AACCTTTCCCAAGTTTCATATATGATGAACACACTGGCGTGAGAGCACTCCGGGAGAA 6720
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6721 CTGGCTCACCGGGAGACCGACTCAAGGCCCAACTCCGACACTGTATGTCTCAAGCAAGCA 6780
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6781 GAAGTATTAATTAAGGAAGCGGAGACAGAGGGCACTTTACACAGTTTGGAGAGCAA 6840
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6841 GTAGATGCTTTAGGGGAATTCGTCAACGACACCTCTGCAGATTGAGGTCATACCCAGT 6900
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6961 AATGCTTCAGCCAGATGA 6978
6961 AATGCTTCAGCCAGATGA 6978

RESULT 2
US-11-266-748A-22936
; Sequence 22936, Application US/11266748A
; Publication No. US20060134663A1
; GENERAL INFORMATION:
; APPLICANT: Harkin, Paul
; APPLICANT: Johnston, Patrick
; APPLICANT: Mulligan, Karl
; TITLE OF INVENTION: Transcriptome Microarray Technology and
; TITLE OF INVENTION: Methods of Using the Same
; FILE REFERENCE: 55815-0102 (319189)
; CURRENT APPLICATION NUMBER: US/11/266,748A
; PRIOR FILING DATE: 2005-11-03
; PRIOR APPLICATION NUMBER: EP 04105479.2
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105482.6
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105483.4
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105507.0
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105485.9
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105484.2
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: US 60/662,276
; PRIOR FILING DATE: 2005-03-14
; PRIOR APPLICATION NUMBER: US 60/700,293
; PRIOR FILING DATE: 2005-07-18
; NUMBER OF SEQ ID NOS: 483996
; SOFTWARE: Patent in version 3.3
; SEQ ID NO 22936
; LENGTH: 3893
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-11-266-748A-22936

Query Match 43.1%; Score 3008.6; DB 8; Length 3893;
Best Local Similarity 99.9%; Pred. No. 0;
Matches 301; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

3964 GAGAAATGAAGTTTCTAGATTAGAGACATATGAGCATTTAAAAATCAAGAGCGGAA 4023
443 GAGAAATGAAGTTTCTAGATTAGAGACATATGAGCATTTAAAAATCAAGAGCGGAA 502
4024 GAAAGGTGGATGAGAGATCCAGCGGAGTCGAGAAAGAAATGGAAGACTGCATCAT 4083

503 GAAAGGTGGATGAGAGATCCAAAGCGGACGTCGAGAGAAAGAAATGGAAGAACTGCATCAT 562
4084 AATATTGATGATCTTTTGCAGAGAGAGAAAAGCTTTAGAGTGTGAGAGTATGAGAAATTACAT 4143
563 AATATTGATGATCTTTTGCAGAGAGAGAAAAGCTTTAGAGTGTGAGAGTATGAGAAATTACAT 622
4144 AGAACTGTCTCAGAGAAACGTCACAGCAAAAGAGCTTCATTGATGGAATGTTGAGAGTCTT 4203
623 AAGCTGTCTCAGAGAAACGTCACAGCAAAAGAGCTTCATTGATGGAATGTTGAGAGTCTT 682
4204 ATGACTGAACTAGAAATAGAAAATCACTCAACATCATGAAGATATTTGATGAGAAATT 4263
683 ATGACTGAACTAGAAATAGAAAATCACTCAACATCATGAAGATATTTGATGAGAAATT 742
4264 GAGTGCATTCAGAGAGACTCTTCTGAAACGTCGCTCAGAGCTCAGGAGAGCTGACCGACTC 4323
743 GAGTGCATTCAGAGAGACTCTTCTGAAACGTCGCTCAGAGCTCAGGAGAGCTGACCGACTC 802
4324 CTGGCAGAGGCTGAGAGTGAACCTTTTATGCACTCAAGAAAGAAAGCAAAAATGCTGTTGAA 4383
803 CTGGCAGAGGCTGAGAGTGAACCTTTTATGCACTCAAGAAAGAAAGCAAAAATGCTGTTGAA 862
4384 AAGTTCACTGATCCAGAGAGAGTTTTATTCAACTCAAGTCAAGTCTGAGAAATTAGAA 4443
863 AAGTTCACTGATCCAGAGAGAGTTTTATTCAACTCAAGTCAAGTCTGAGAAATTAGAA 922
4444 AGGAGAGCTCAGAAACTGCTGTTTAACTCGTCAAGCTGATCAGCAGCTTAAGATCGCTC 4503
923 AGGAGAGCTCAGAAACTGCTGTTTAACTCGTCAAGCTGATCAGCAGCTTAAGATCGCTC 982
4504 CAGGCTGATGCAAAAGGATTTGGAGAGCAGCACAAAATCAAGCAAGAAAGAAATCTTCAAAGAA 4563
983 CAGGCTGATGCAAAAGGATTTGGAGAGCAGCACAAAATCAAGCAAGAAAGAAATCTTCAAAGAA 1042
4564 ATAAACAAAATTTGTAGCAGCAAAAGACTCAGACTTCAATGTTTAAAGCAAGAAAGAA 4623
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4624 AAATGACAGAGAGCTTCAAGAACTACAGAAAGACATAGAGTGGCAGAGCAAGTAAAG 4683
1103 AAATGACAGAGAGCTTCAAGAACTACAGAAAGACATAGAGTGGCAGAGCAAGTAAAG 1162
4684 GATCACCACCTGCAGGTCCTTAAAGAACTGAGGTGCTTCTCAGGCAAGAAAGAGCCAG 4743
1163 GATCACCACCTGCAGGTCCTTAAAGAACTGAGGTGCTTCTCAGGCAAGAAAGAGCCAG 1222
4744 GTGGAAGAGCTGAAAGCCAGGTCAGAACTCAGCAGCAGAGAGTGGTGTCTTGGACAGG 4803
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4804 CAGTTAGGGCATAAAAGAGGAGAGTGCATCTACTCCAGGAAGCATGGTCCAGGCAAAA 4863
1283 CAGTTAGGGCATAAAAGAGGAGAGTGCATCTACTCCAGGAAGCATGGTCCAGGCAAAA 1342
4864 GCTGACCTCCAGGAAGCTCTGAGACTGGGAGAGACTGAACTTAAGTGAAGTGCATCAAC 4923
1343 GCTGACCTCCAGGAAGCTCTGAGACTGGGAGAGACTGAACTTAAGTGAAGTGCATCAAC 1402
4924 ATTAGGGAAGTAAAATCTCTTCTGGAAGAACTGAGTTTTCAGAAAGGAGAACTAAATGTT 4983
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1523 GAAAATCTTCAGGTTGTTTAAAGCAGAGTCTTAAACATAAACCCGAACTTAAAGAAATT 1582
5104 CTGGACATGTTGCAACTTGAAGAAACCATGAGCTCAAGGTTTGAAGCTACAACTGACCAA 5163
1583 CTGGACATGTTGCAACTTGAAGAAACCATGAGCTACAACTGAGTTTGAAGCTACAACTGACCAA 1642

QY	5164	AGG	TATCTGAA	TTAGAGAA	GAC	T	CAGG	TGGCAG	TGCTAGAGGAG	AAATCGGAG	TTAGAG	5223		
DB	1643	AGG	TATCTGAA	TTAGAGAA	GAC	T	CAGG	TGGCAG	TGCTAGAGGAG	AAATCGGAG	TTAGAG	1702		
QY	5224	AA	TTTGACAG	CAGATAT	CC	CAGCAG	CAAGAA	GGGGAAT	TAGAGTGGCAG	AGCAGCTC	CTT	5283		
DB	1703	AA	TTTGACAG	CAGATAT	CC	CAGCAG	CAAGAA	GGGGAAT	TAGAGTGGCAG	AGCAGCTC	CTT	1762		
QY	5284	GAG	AGG	GATAAA	CGAGAA	ATAGAAC	GAATGCA	TGCTGAG	TCCCCAG	CTTTACAA	TGCTGT	5343		
DB	1763	GAG	AGG	GATAAA	CGAGAA	ATAGAAC	GAATGCA	TGCTGAG	TCCCCAG	CTTTACAA	TGCTGT	1822		
QY	5344	GTT	GAGTGT	TTGAG	CAAAAG	AAAGAA	AGATGCT	CCAAGAG	AAATGTG	ACATTTGGG	AAAAA	5403		
DB	1823	GTT	GAGTGT	TTGAG	CAAAAG	AAAGAA	AGATGCT	CCAAGAG	AAATGTG	ACATTTGGG	AAAAA	1882		
QY	5404	AAG	TTG	GCACAA	ACCAAA	GGGTTT	TAGCAG	CAGCAG	AGAGAA	ATACGAA	ATATGGG	AGCAA	5463	
DB	1883	AAG	TTG	GCACAA	ACCAAA	GGGTTT	TAGCAG	CAGCAG	AGAGAA	ATACGAA	ATATGGG	AGCAA	1942	
QY	5464	TC	AACTTAG	AAAG	TTGGA	ATTTGA	ATGTG	CAGAAA	CTGCAG	CAGGAA	CTAGAC	CAACTA	5523	
DB	1943	TC	AACTTAG	AAAG	TTGGA	ATTTGA	ATGTG	CAGAAA	CTGCAG	CAGGAA	CTAGAC	CAACTA	2002	
QY	5524	AA	CAGAG	CAAG	TTGTC	GCATTA	ACGACA	TTTTAC	GCAATG	CAACAG	CAGCTC	CAAGAA	5583	
DB	2003	AA	CAGAG	CAAG	TTGTC	GCATTA	ACGACA	TTTTAC	GCAATG	CAACAG	CAGCTC	CAAGAA	2062	
QY	5584	AA	ACGAG	ACAG	CTAA	ACTCA	CTGCAG	GAGGAA	CTAG	CTAATGT	CCAAAG	CACTTTG	GAAC	5643
DB	2063	AA	ACGAG	ACAG	CTAA	ACTCA	CTGCAG	GAGGAA	CTAG	CTAATGT	CCAAAG	CACTTTG	GAAC	2122
QY	5644	CT	AGCAAA	CAGG	ACCTG	CTTCA	CACCA	CAAG	CATCAG	GATGTG	TTGCTCAG	TGAGCAG	5703	
DB	2123	CT	AGCAAA	CAGG	ACCTG	CTTCA	CACCA	CAAG	CATCAG	GATGTG	TTGCTCAG	TGAGCAG	2182	
QY	5704	AC	CGACTC	CAG	AAAG	GCATCAG	TGAATGG	GCAATAG	GGTTTGA	AGACTGT	CCAGAA	GAA	5763	
DB	2183	AC	CGACTC	CAG	AAAG	GCATCAG	TGAATGG	GCAATAG	GGTTTGA	AGACTGT	CCAGAA	GAA	2242	
QY	5764	GAG	GAC	AAAA	CAAA	CAAA	CTTTCA	AGTGC	TTCAG	AAATCAG	ATGAA	AAAA	CAAG	5823
DB	2243	GAG	GAC	AAAA	CAAA	CAAA	CTTTCA	AGTGC	TTCAG	AAATCAG	ATGAA	AAAA	CAAG	2302
QY	5824	AA	ACTAG	TCAA	CAAG	AAATG	ATGTTT	CAGAG	ACTCCAG	AAAGAG	AGAGAA	GTGAAG	5883	
DB	2303	AA	ACTAG	TCAA	CAAG	AAATG	ATGTTT	CAGAG	ACTCCAG	AAAGAG	AGAGAA	GTGAAG	2362	
QY	5884	AG	CAAT	TAG	AAAC	CAGTAA	AGTGAC	ACTG	AAAGG	AGCA	CAGC	CAGCTGG	AAAA	5943
DB	2363	AG	CAAT	TAG	AAAC	CAGTAA	AGTGAC	ACTG	AAAGG	AGCA	CAGC	CAGCTGG	AAAA	2422
QY	5944	TT	AAC	CAG	ACAG	AAAAAG	CAAA	CTGG	ACCAAG	TGCTCTCAA	AGGTGCTGG	CAGCTGAAG	6003	
DB	2423	TT	AAC	CAG	ACAG	AAAAAG	CAAA	CTGG	ACCAAG	TGCTCTCAA	AGGTGCTGG	CAGCTGAAG	2482	
QY	6004	CG	TGTTAG	GA	CTCTG	CAG	GAAG	AGGAG	AGGTG	TGTGAG	AGCCTGG	AGAA	CACTCT	6063
DB	2483	CG	TGTTAG	GA	CTCTG	CAG	GAAG	AGGAG	AGGTG	TGTGAG	AGCCTGG	AGAA	CACTCT	2542
QY	6064	CA	AACTTAA	CGG	CAGCTT	TCAG	AAAGGG	AGC	ACCAAT	TTGTTGG	AGAAATCAG	GTGAG	CTG	6123
DB	2543	CA	AACTTAA	CGG	CAGCTT	TCAG	AAAGGG	AGC	ACCAAT	TTGTTGG	AGAAATCAG	GTGAG	CTG	2602
QY	6124	TT	GGCC	CTC	CA	GA	AAAG	AGG	CAGATTT	CTAT	GAGGG	CAGCTT	CA	6183
DB	2603	TT	GGCC	CTC	CA	GA	AAAG	AGG	CAGATTT	CTAT	GAGGG	CAGCTT	CA	2662
QY	6184	TT	CTTG	CA	GA	AAAG	AAAG	CTG	TGAG	AGCAG	GTGG	CCAG	CTG	6243
DB	2663	TT	CTTG	CA	GA	AAAG	AAAG	CTG	TGAG	AGCAG	GTGG	CCAG	CTG	2722

Qy	6244	ATCCAGCGGAGCCAGCTGGAGAAAAACCTTTCTTGAGCAAAAAACAGAGAAACAGCTCGATA	6303
Db	2723	ATCCAGCGGAGCCAGCTGGAGAAAAACCTTTCTTGAGCAAAAAACAGAGAAACAGCTCGATA	2782
Qy	6304	CAAAAGGAAATGCAACAATTGAACTGGTAGCCAGACAACCATGACGGGGCCAGCGCG	6363
Db	2783	CAAAAGGAAATGCAACAATTGAACTGGTAGCCAGACAACCATGACGGGGCCAGCGCG	2842
Qy	6364	CTGATGAAGGAGCTCAACAGAGTGCAGTAGTACACGGAGCTCAAGAAAAACAGATGGCA	6423
Db	2843	CTGATGAAGGAGCTCAACAGAGTGCAGTAGTACACGGAGCTCAAGAAAAACAGATGGCA	2902
Qy	6424	AACCAAAAAAGATTGGAGAGAGACAATAATGGAATCAGTGTATGTCATGAGGACACTTAAA	6483
Db	2903	AACCAAAAAAGATTGGAGAGAGACAATAATGGAATCAGTGTATGTCATGAGGACACTTAAA	2962
Qy	6484	TCTGAGTGAAGATGAAATCAGAAACAGCTTGAAGAACTCTTAATCAGTTTCTTCCAGAA	6543
Db	2963	TCTGAGTGAAGATGAAATCAGAAACAGCTTGAAGAACTCTTAATCAGTTTCTTCCAGAA	3022
Qy	6544	CTACCAGCAGATCTAGAAGCTATTTTGGAAAGAAACGAAAAACCTAGAGAGAGAAATTTGGAA	6603
Db	3023	CTACCAGCAGATCTAGAAGCTATTTTGGAAAGAAACGAAAAACCTAGAGAGAGAAATTTGGAA	3082
Qy	6604	AGCTTGAAAGAGAACCTTCCATTACCATGAAATGAGGAGCCTTTTGAAGNAAAACCTGAAC	6663
Db	3083	AGCTTGAAAGAGAACCTTCCATTACCATGAAATGAGGAGCCTTTTGAAGNAAAACCTGAAC	3142
Qy	6664	TTTTTCCCAAGTTTCCACATATGATGTAACACTGCGCTGGAGAGCACTCCGGGAGAAACTG	6723
Db	3143	TTTTTCCCAAGTTTCCACATATGATGTAACACTGCGCTGGAGAGCACTCCGGGAGAAACTG	3202
Qy	6724	CGTCAACGGGAAGACCGCACTCAAGGCCCCAACTCCGACACTGTATGTCCAAGCAAGCAGAA	6783
Db	3203	CGTCAACGGGAAGACCGCACTCAAGGCCCCAACTCCGACACTGTATGTCCAAGCAAGCAGAA	3262
Qy	6784	GTATTAATTAAGGAAAGCGGCAGACAGAGGGCACTTTTACACAGTTTGGAGGACACAAGTA	6843
Db	3263	GTATTAATTAAGGAAAGCGGCAGACAGAGGGCACTTTTACACAGTTTGGAGGACACAAGTA	3322
Qy	6844	GATGCTTTAGGGGAATTGGTCAACCACTCTGCAGATTTCAGCGTCATCACCCAGTCTG	6903
Db	3323	GATGCTTTAGGGGAATTGGTCAACCACTCTGCAGATTTCAGCGTCATCACCCAGTCTG	3382
Qy	6904	TCTCAGCTGAGTCTTCCCTCACAGAGGACTCTCAACTTGGGACAAAAACAGGAAAAAGAAAT	6963
Db	3383	TCTCAGCTGAGTCTTCCCTCACAGAGGACTCTCAACTTGGGACAAAAACAGGAAAAAGAAAT	3442
Qy	6964	GCCTCAGCCAGATGA	6978
Db	3443	GCCTCAGCCAGATGA	3457

Query Match 41.2%; Score 2873.6; DB 8; Length 3044;
Best Local Similarity 99.9%; Pred. No. 0;
Matches 2876, Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY	1093	TTTGAGCCACTAAATTTATTCATCAGAGATGCTGCTGAAATTTGATAAAGCCCGAGATGAA	1152
DB	1	TTTGAGCCACTAAATTTATTCATCAGAGATGCTGCTGAAATTTGATAAAGCCCGAGATGAA	60
QY	1153	AGCCCTTACATTTGGCAATCCAGTACACAGAGAAATGTTGCGCCAGAGAGTTATTT	1212
DB	61	AGCCCTTACATTTGGCAATCCAGTACACAGAGAAATGTTGCGCCAGAGAGTTATTT	120
QY	1213	ATTGACAGTGTCTCAGGCGATACAGATCAAGAAAGATGGAGCCAGATGAACACTTTAGAAAT	1272
DB	121	ATTGACAGTGTCTCAGGCGATACAGATCAAGAAAGATGGAGCCAGATGAACACTTTAGAAAT	180
QY	1273	GATCACAATGAACTTTGAGAGCCACACACCTGGACACGCAACTGGGAAGCAAAAGAAAA	1332
DB	181	GATCACAATGAACTTTGAGAGCCACACACCTGGACACGCAACTGGGAAGCAAAAGAAAA	240
QY	1333	AAATTAAGTCAGACCAAACTCGACTATCAGACTGATGAAATGAAATGAAAGGCGAGAA	1392
DB	241	AAATTAAGTCAGACCAAACTCGACTATCAGACTGATGAAATGAAATGAAAGGCGAGAA	300
QY	1393	CAACAAATTTTGAGAGCTACTGAAGAAATTTAAACAACTGGAAGAGCTATACAACTAAAA	1452
DB	301	CAACAAATTTTGAGAGCTACTGAAGAAATTTAAACAACTGGAAGAGCTATACAACTAAAA	360
QY	1453	AAGATTTTCAAGAGCGGGAAGACCTTTCTTTTACAAGCAGTTGAGTGGTAGACTACAACTT	1512
DB	361	AAGATTTTCAAGAGCGGGAAGACCTTTCTTTTACAAGCAGTTGAGTGGTAGACTACAACTT	420
QY	1513	GTAAATTAATTCGCCAGGAGCTCTGGATCTAGAACTGAGATGGAAGGCAAGAGCAG	1572
DB	421	GTAAATTAATTCGCCAGGAGCTCTGGATCTAGAACTGAGATGGAAGGCAAGAGCAG	480
QY	1573	GAAATTTGCCGGAAGCAAGAGAGATTAAGGACCTGCAAACTAGCATAGATAGCTGGAT	1632
DB	481	GAAATTTGCCGGAAGCAAGAGAGATTAAGGACCTGCAAACTAGCATAGATAGCTGGAT	540
QY	1633	TCCAAAGACCCAAACANTTCCCATATGAAGGCTCAAAAGAGCGGTAAAGAACCAACAGCTT	1692
DB	541	TCCAAAGACCCAAACANTTCCCATATGAAGGCTCAAAAGAGCGGTAAAGAACCAACAGCTT	600
QY	1693	GACATTTGACAAAGCAGTACCAACACTTGAAGTGGTTTGGATGAGATACCTTCTTGA	1752
DB	601	GACATTTGACAAAGCAGTACCAACACTTGAAGTGGTTTGGATGAGATACCTTCTTGA	660
QY	1753	ATTGCTAAGGAAACGGAAGAGATTAAGGACCTTGAAGAACAGCTTACTGAAGGCCAGATA	1812
DB	661	ATTGCTAAGGAAACGGAAGAGATTAAGGACCTTGAAGAACAGCTTACTGAAGGCCAGATA	720
QY	1813	GCAGCAAAATGAAGCCCTTGAAGAGGATTTAGAAAGTGTATCAGTGGGTTGCAAGAAATAC	1872
DB	721	GCAGCAAAATGAAGCCCTTGAAGAGGATTTAGAAAGTGTATCAGTGGGTTGCAAGAAATAC	780
QY	1873	CTGGGACCAATTAAGCCAGGCAACTCAGGCCAGATGAGTGCAGGAAGCTGCGGGAT	1932
DB	781	CTGGGACCAATTAAGCCAGGCAACTCAGGCCAGATGAGTGCAGGAAGCTGCGGGAT	840
QY	1933	GAGAAAGAGACATTTGTCAGAGATTTGACAGAAAGTCGAGCAGGAGAGACAGCTGGAA	1992
DB	841	GAGAAAGAGACATTTGTCAGAGATTTGACAGAAAGTCGAGCAGGAGAGACAGCTGGAA	900
QY	1993	ATAGTTTGCATGATGACAGAAATATGAGGAAGGAGCTTGCAGAGCTAGAAAGTGCCTTC	2052
DB	901	ATAGTTTGCATGATGACAGAAATATGAGGAAGGAGCTTGCAGAGCTAGAAAGTGCCTTC	960
QY	2053	CAAGACGAGCATGAGTGAATGATCTTTGCGACAGACCCAGGAGAGATCTCAGTGCCTAT	2112
DB	961	CAAGACGAGCATGAGTGAATGATCTTTGCGACAGACCCAGGAGAGATCTCAGTGCCTAT	1020
QY	2113	GAAGCTGAGTAGGCTCGGCTAAACCTTAAGGATGCTGAAGCCACAGCTCAAGGAA	2172

DB	1021	GAAGCTGAGCTAGAGCTCGGCTAAACCTAAGGATGCTGAAGCAACACAGCTCAAGGAA	1080
QY	2173	GAGTTGGAAAAAGTAAACAGACTTACCAGTTAGAACAAATCAGCCCTTCAAGCAGAACTT	2232
DB	1081	GAGTTGGAAAAAGTAAACAGACTTACCAGTTAGAACAAATCAGCCCTTCAAGCAGAACTT	1140
QY	2233	GAGAAAGAAAGGCAAGCCCTCAAGAAATGCCCTTGGAAAAAGCCCAAGTTCTCAGAAAGAAAG	2292
DB	1141	GAGAAAGAAAGGCAAGCCCTCAAGAAATGCCCTTGGAAAAAGCCCAAGTTCTCAGAAAGAAAG	1200
QY	2293	GAGCAAGAGAACAGTGAAGTCCATGCAAAAACCTTAAACACTTGCAGGATGACAAATACTG	2352
DB	1201	GAGCAAGAGAACAGTGAAGTCCATGCAAAAACCTTAAACACTTGCAGGATGACAAATACTG	1260
QY	2353	TTAAAAACGCAACTTAAAGATTTCCAGAAATCACCTTAAACCATGTGGTTGATGTTGGTT	2412
DB	1261	TTAAAAACGCAACTTAAAGATTTCCAGAAATCACCTTAAACCATGTGGTTGATGTTGGTT	1320
QY	2413	CGTCCAGAAAGAGTGGCAGCTCGTGTGGATGAGTAAAGAAAGAAACCTGAAATTAAGGAACT	2472
DB	1321	CGTCCAGAAAGAGTGGCAGCTCGTGTGGATGAGTAAAGAAAGAAACCTGAAATTAAGGAACT	1380
QY	2473	GGGGAATGAACATCCATAGTCTTTCAGATGTCTTAGGGAAAAAGTCTTGTGATTTTACAG	2532
DB	1381	GGGGAATGAACATCCATAGTCTTTCAGATGTCTTAGGGAAAAAGTCTTGTGATTTTACAG	1440
QY	2533	AAACAAATTCAGTGAAATTTCTTGACAGCTCAGTGGGAAAGAGATGAAGCAACAGTTAGA	2592
DB	1441	AAACAAATTCAGTGAAATTTCTTGACAGCTCAGTGGGAAAGAGATGAAGCAACAGTTAGA	1500
QY	2593	GAGAGAAACTCCAGAAAGAAATGGCTCTGCAGCAAGAGAAACCTGGCAACTGGCAAGAA	2652
DB	1501	GAGAGAAACTCCAGAAAGAAATGGCTCTGCAGCAAGAGAAACCTGGCAACTGGCAAGAA	1560
QY	2653	GAGTTTCAGGCGAGCTGTGAGAGAGCCCTTGAAGCAAGAAATGAATTTTGTATGAAGGCAA	2712
DB	1561	GAGTTTCAGGCGAGCTGTGAGAGAGCCCTTGAAGCAAGAAATGAATTTTGTATGAAGGCAA	1620
QY	2713	CATGAAGCAAGATCCAGCAAAATGGAGAAATGAAATTTTCACTATTTCAGCAAGAAATCTAAA	2772
DB	1621	CATGAAGCAAGATCCAGCAAAATGGAGAAATGAAATTTTCACTATTTCAGCAAGAAATCTAAA	1680
QY	2773	AGTATGGAGAAATCCAGGCTTTACAGATCTCCAACTTCAGGAAGCTGATGAAGAGAAAG	2832
DB	1681	AGTATGGAGAAATCCAGGCTTTACAGATCTCCAACTTCAGGAAGCTGATGAAGAGAAAG	1740
QY	2833	GAGAGAAATTCGGCCCAACTCCAGAGTTAGAGAAAAAGAAAGAACTTTGAAGATGCCAAA	2892
DB	1741	GAGAGAAATTCGGCCCAACTCCAGAGTTAGAGAAAAAGAAAGAACTTTGAAGATGCCAAA	1800
QY	2893	TCTCAGAGCAAGTTTTCGTTTGTATGAATTAAGAACTGAAGAACTTAAGAAAGCCGTCGCC	2952
DB	1801	TCTCAGAGCAAGTTTTCGTTTGTATGAATTAAGAACTGAAGAACTTAAGAAAGCCGTCGCC	1860
QY	2953	ACCTCTGATTAAGCTAGCCAGCTGAGCTCACCATTTGCCAAAGACAGCTGAAAGTCCCTT	3012
DB	1861	ACCTCTGATTAAGCTAGCCAGCTGAGCTCACCATTTGCCAAAGACAGCTGAAAGTCCCTT	1920
QY	3013	CATGGAACCTGTTTATGAAAAATTAACAGGAGCGAGAGAGTTGCAAGGAGCAGAGAGG	3072
DB	1921	CATGGAACCTGTTTATGAAAAATTAACAGGAGCGAGAGAGTTGCAAGGAGCAGAGAGG	1980
QY	3073	TTTCCAGAAAGGCGACACAGCAGCCAGAGATCTCACCCGAGCAGAGCTGAGATCGAA	3132
DB	1981	TTTCCAGAAAGGCGACACAGCAGCCAGAGATCTCACCCGAGCAGAGCTGAGATCGAA	2040
QY	3133	CTCCTCGAATCTCCTCAGGAGAGGGGAGCAGTTTCGACTTGAGATGGAGAAACA	3192
DB	2041	CTCCTCGAATCTCCTCAGGAGAGGGGAGCAGTTTCGACTTGAGATGGAGAAACA	2100
QY	3193	GGTGTAGGTACTGGAGCAAACTCACAGGTCCTAGAAATTTGAGAAATCTGAAATGAGCAATG	3252


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; PRIOR APPLICATION NUMBER: EP 04105479.2
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105482.6
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105483.4
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105507.0
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105485.9
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105484.2
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: US 60/700,293
; PRIOR FILING DATE: 2005-07-18
; NUMBER OF SEQ ID NOS: 483996
; SOFTWARE: Patent in version 3.3
; SEQ ID NO 287600
; LENGTH: 1000
; TYPE: DNA
; ORGANISM: Homo Sapiens
; US-11-266-748A-287600

Query Match      8.3%; Score 576; DB 8; Length 1000;
Best Local Similarity 100.0%; Pred. No. 7.le-135;
Matches 576; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6403 GAGCTCAAGAAACAGATGGCAAAACCAAAAGATTGGAGAGAGACAAATGGAATCAGT 6462
Db 1 GAGCTCAAGAAACAGATGGCAAAACCAAAAGATTGGAGAGAGACAAATGGAATCAGT 60

QY 6463 GATGCAATGAGGACATTAATCTGAGGTGAAGATGAAATCAGAACCGCTTGAAGAAT 6522
Db 61 GATGCAATGAGGACATTAATCTGAGGTGAAGATGAAATCAGAACCGCTTGAAGAAT 120

QY 6523 CTTAATCAGTTCTTCCAGAACTACAGCAGATCTAGAGCTATTGTTGGAAGAAACGAA 6582
Db 121 CTTAATCAGTTCTTCCAGAACTACAGCAGATCTAGAGCTATTGTTGGAAGAAACGAA 180

QY 6583 AACCTAGAGAGAAATTTGGAAGCTTGAAGAGAACCTTCCATTACCATGAATGAGGGA 6642
Db 181 AACCTAGAGAGAAATTTGGAAGCTTGAAGAGAACCTTCCATTACCATGAATGAGGGA 240

QY 6643 CTTTTCAGAGAAACATGAACTTTCCCAAGTTACATATGATGAACTGCGCTGGA 6702
Db 241 CTTTTCAGAGAAACATGAACTTTCCCAAGTTACATATGATGAACTGCGCTGGA 300

QY 6703 GAAGCACTCCGGGAGAACTGCGTCACCGGGAAGACCGACTCAAGGCCCAACTCCGACAC 6762
Db 301 GAAGCACTCCGGGAGAACTGCGTCACCGGGAAGACCGACTCAAGGCCCAACTCCGACAC 360

QY 6763 TGTATGTCCAAGCAAGCAGAAATTAATTAAGGAAGCGGAGAGACAGAGGGCCTTTTA 6822
Db 361 TGTATGTCCAAGCAAGCAGAAATTAATTAAGGAAGCGGAGAGACAGAGGGCCTTTTA 420

QY 6823 CACAGTTTGAGGAGACAAAGTAGATGCTTTAGGGGAATTTGTCACCAGCACTCTGCAGAT 6882
Db 421 CACAGTTTGAGGAGACAAAGTAGATGCTTTAGGGGAATTTGTCACCAGCACTCTGCAGAT 480

QY 6883 TCAGCGTCATCACCCAGTCTGTCTCAGCTGGAGTCTTCCCTCACAGAGGAGCTCTCAACTT 6942
Db 481 TCAGCGTCATCACCCAGTCTGTCTCAGCTGGAGTCTTCCCTCACAGAGGAGCTCTCAACTT 540

QY 6943 GGACAAATCAGGAAAGAAATGCCTCAGCCAGATGA 6978
Db 541 GGACAAATCAGGAAAGAAATGCCTCAGCCAGATGA 576
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RESULT 6
US-11-266-748A-339029/c
; Sequence 339029, Application US/11266748A
; Publication No. US20060134663A1

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; GENERAL INFORMATION:
; APPLICANT: Harkin, Paul
; APPLICANT: Johnston, Patrick
; APPLICANT: Mulligan, Karl
; TITLE OF INVENTION: Transcriptome Microarray Technology and
; FILE REFERENCE: 55815-0102 (319189)
; CURRENT APPLICATION NUMBER: US/11/266,748A
; CURRENT FILING DATE: 2005-11-03
; PRIOR APPLICATION NUMBER: EP 04105479.2
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105482.6
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105483.4
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105507.0
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105485.9
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105484.2
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: US 60/662,276
; PRIOR FILING DATE: 2005-03-14
; PRIOR APPLICATION NUMBER: US 60/700,293
; PRIOR FILING DATE: 2005-07-18
; NUMBER OF SEQ ID NOS: 483996
; SOFTWARE: Patent in version 3.3
; SEQ ID NO 339029
; LENGTH: 1000
; TYPE: DNA
; ORGANISM: Homo Sapiens
; US-11-266-748A-339029
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Query Match      8.3%; Score 576; DB 8; Length 1000;
Best Local Similarity 100.0%; Pred. No. 7.le-135;
Matches 576; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6403 GAGCTCAAGAAACAGATGGCAAAACCAAAAGATTGGAGAGAGACAAATGGAATCAGT 6462
Db 1000 GAGCTCAAGAAACAGATGGCAAAACCAAAAGATTGGAGAGAGACAAATGGAATCAGT 941

QY 6463 GATGCAATGAGGACATTAATCTGAGGTGAAGATGAAATCAGAACCGCTTGAAGAAT 6522
Db 940 GATGCAATGAGGACATTAATCTGAGGTGAAGATGAAATCAGAACCGCTTGAAGAAT 881

QY 6523 CTTAATCAGTTCTTCCAGAACTACAGCAGATCTAGAGCTATTGTTGGAAGAAACGAA 6582
Db 880 CTTAATCAGTTCTTCCAGAACTACAGCAGATCTAGAGCTATTGTTGGAAGAAACGAA 821

QY 6583 AACCTAGAGAGAAATTTGGAAGCTTGAAGAGAACCTTCCATTACCATGAATGAGGGA 6642
Db 820 AACCTAGAGAGAAATTTGGAAGCTTGAAGAGAACCTTCCATTACCATGAATGAGGGA 761

QY 6643 CTTTTCAGAGAAACATGAACTTTCCCAAGTTACATATGATGAACTGCGCTGGA 6702
Db 760 CTTTTCAGAGAAACATGAACTTTCCCAAGTTACATATGATGAACTGCGCTGGA 701

QY 6703 GAAGCACTCCGGGAGAACTGCGTCACCGGGAAGACCGACTCAAGGCCCAACTCCGACAC 6762
Db 700 GAAGCACTCCGGGAGAACTGCGTCACCGGGAAGACCGACTCAAGGCCCAACTCCGACAC 641

QY 6763 TGTATGTCCAAGCAAGCAGAAATTAATTAAGGAAGCGGAGAGACAGAGGGCCTTTTA 6822
Db 640 TGTATGTCCAAGCAAGCAGAAATTAATTAAGGAAGCGGAGAGACAGAGGGCCTTTTA 581

QY 6823 CACAGTTTGAGGAGACAAAGTAGATGCTTTAGGGGAATTTGTCACCAGCACTCTGCAGAT 6882
Db 580 CACAGTTTGAGGAGACAAAGTAGATGCTTTAGGGGAATTTGTCACCAGCACTCTGCAGAT 521

QY 6883 TCAGCGTCATCACCCAGTCTGTCTCAGCTGGAGTCTTCCCTCACAGAGGAGCTCTCAACTT 6942
Db 520 TCAGCGTCATCACCCAGTCTGTCTCAGCTGGAGTCTTCCCTCACAGAGGAGCTCTCAACTT 461
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Db 760 CCTTTTGAAGAAAAAAGTGAACCTTTTCCCAAGTTTACATATGATGAACACTGGCGTGG 701
Qy 6703 GAACACTCCGGGAGAACTCGTCAACGGGAAGACCGACTCAAGGCCCAACTCCGACAC 6762
Db 700 GAACACTCCGGGAGAACTCGTCAACGGGAAGACCGACTCAAGGCCCAACTCCGACAC 641
Qy 6763 TGTATGTCGAAGCAAGCAGAGTATTAAATTAAGGAAGCGGCAGACAGAGGGGCACTTTA 6822
Db 640 TGTATGTCGAAGCAAGCAGAGTATTAAATTAAGGAAGCGGCAGACAGAGGGGCACTTTA 581
Qy 6823 CACAGTTTGAAGGACAGAGTATGCTTTAGGGGAATTTGTCACAGACCTCTGCAGAT 6882
Db 580 CACAGTTTGAAGGACAGAGTATGCTTTAGGGGAATTTGTCACAGACCTCTGCAGAT 521
Qy 6883 TCAGCGTCATCACCCAGTCTGCTCAGCTGAGTCTTCCCTCACAGAGGACTCTCAACTT 6942
Db 520 TCAGCGTCATCACCCAGTCTGCTCAGCTGAGTCTTCCCTCACAGAGGACTCTCAACTT 461
Qy 6943 GGACAAAATCAGGAAGAAAGATGCTTCAGCCAGATGA 6978
Db 460 GGACAAAATCAGGAAGAAAGATGCTTCAGCCAGATGA 425

RESULT 9
US-11-266-748A-60629/c
; Sequence 60629, Application US/11266748A
; Publication No. US20060134663A1
; GENERAL INFORMATION:
; APPLICANT: Harkin, Paul
; APPLICANT: Johnston, Patrick
; APPLICANT: Mulligan, Karl
; TITLE OF INVENTION: Transcriptome Microarray Technology and
; TITLE OF INVENTION: Methods of Using the Same
; FILE REFERENCE: 55815-0102 (319189)
; CURRENT APPLICATION NUMBER: US/11/266,748A
; CURRENT FILING DATE: 2005-11-03
; PRIOR APPLICATION NUMBER: EP 04105479.2
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105482.6
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105483.4
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105507.0
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105485.9
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105484.2
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: US 60/662,276
; PRIOR FILING DATE: 2005-03-14
; PRIOR APPLICATION NUMBER: US 60/700,293
; PRIOR FILING DATE: 2005-07-18
; NUMBER OF SEQ ID NOS: 48396
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 60629
; LENGTH: 520
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-11-266-748A-60629

Query Match 4.2%; Score 292.6; DB 8; Length 520;
Best Local Similarity 97.8%; Pred. No. 1.8e-63;
Matches 308; Conservative 0; Mismatches 4; Indels 3; Gaps 1;

Qy 998 AATTGCTAAAACAGAGACCATAGAAATTAACAGGACATGTCAGAGCAATATGAGCTGG 1057
Db 312 ATTGGCTAAAACAGAGACCATAGAAATTAACAGGACATGTCAGAGCAATATGAGCTGG 253
Qy 1058 AACAGGAATTTGGCTTTTATAAAATTTGATGCTAAAATTTGAGCCCACTAAATTTATTCAT 1117
Db 252 AACAGGAATTTGGCTTTTATAAAATTTGATGCTAAAATTTGAGCCCACTAAATTTATTCAT 193
Qy 1118 CAGAGTATGCTGAAATTTGATAAGCCCAAGATGAAGCCCTTACATTGGCAATCCAGAT 1177
Db 192 CAGAGTATGCTGAAATTTGATAAGCCCAAGATGAAGCCCTTACATTGGCAATCCAGAT 133
Qy 1178 ACAAGAGAATATGTTTGGCCACAGAGATTTATTTTACAGTGTCTCAGGCAATCAGAT 1237
Db 132 AC---AGAAATATGTTTGGCCACAGAGATTTATTTTACAGTGTCTCAGGCAATCAGAT 76

Query Match 4.2%; Score 292.6; DB 8; Length 520;
Best Local Similarity 97.8%; Pred. No. 1.8e-63;
Matches 308; Conservative 0; Mismatches 4; Indels 3; Gaps 1;

Qy 998 AATTGCTAAAACAGAGACCATAGAAATTAACAGGACATGTCAGAGCAATATGAGCTGG 1057
Db 312 ATTGGCTAAAACAGAGACCATAGAAATTAACAGGACATGTCAGAGCAATATGAGCTGG 253
Qy 1058 AACAGGAATTTGGCTTTTATAAAATTTGATGCTAAAATTTGAGCCCACTAAATTTATTCAT 1117
Db 252 AACAGGAATTTGGCTTTTATAAAATTTGATGCTAAAATTTGAGCCCACTAAATTTATTCAT 193
Qy 1118 CAGAGTATGCTGAAATTTGATAAGCCCAAGATGAAGCCCTTACATTGGCAATCCAGAT 1177
Db 192 CAGAGTATGCTGAAATTTGATAAGCCCAAGATGAAGCCCTTACATTGGCAATCCAGAT 133
Qy 1178 ACAAGAGAATATGTTTGGCCACAGAGATTTATTTTACAGTGTCTCAGGCAATCAGAT 1237
Db 132 AC---AGAAATATGTTTGGCCACAGAGATTTATTTTACAGTGTCTCAGGCAATCAGAT 76
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Db 192 CAGAGTATGCTGAAATTTGATAAGCCCAAGATGAAGCCCTTACATTGGCAATCCAGAT 133
Qy 1178 ACAAGAGAATATGTTTGGCCACAGAGATTTATTTTACAGTGTCTCAGGCAATCAGAT 1237
Db 132 AC---AGAAATATGTTTGGCCACAGAGATTTATTTTACAGTGTCTCAGGCAATCAGAT 76
Qy 1238 TCAAGAAGATGGAGCCAGATGAACAACTTAGAATGATCATGAATTTGAGAGGCCACA 1297
Db 75 TCAAGAAGATGGAGCCAGATGAACAACTTAGAATGATCATGAATTTGAGAGGCCACA 16
Qy 1298 CACCCTGGACACGC 1312
Db 15 CACCCTGGAAACGC 1

RESULT 10
US-11-266-748A-212659/c
; Sequence 212659, Application US/11266748A
; Publication No. US20060134663A1
; GENERAL INFORMATION:
; APPLICANT: Harkin, Paul
; APPLICANT: Johnston, Patrick
; APPLICANT: Mulligan, Karl
; TITLE OF INVENTION: Transcriptome Microarray Technology and
; TITLE OF INVENTION: Methods of Using the Same
; FILE REFERENCE: 55815-0102 (319189)
; CURRENT APPLICATION NUMBER: US/11/266,748A
; CURRENT FILING DATE: 2005-11-03
; PRIOR APPLICATION NUMBER: EP 04105479.2
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105482.6
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105483.4
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105507.0
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105485.9
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105484.2
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: US 60/662,276
; PRIOR FILING DATE: 2005-03-14
; PRIOR APPLICATION NUMBER: US 60/700,293
; PRIOR FILING DATE: 2005-07-18
; NUMBER OF SEQ ID NOS: 48396
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 212659
; LENGTH: 520
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-11-266-748A-212659

Query Match 4.2%; Score 292.6; DB 8; Length 520;
Best Local Similarity 97.8%; Pred. No. 1.8e-63;
Matches 308; Conservative 0; Mismatches 4; Indels 3; Gaps 1;

Qy 998 AATTGCTAAAACAGAGACCATAGAAATTAACAGGACATGTCAGAGCAATATGAGCTGG 1057
Db 312 ATTGGCTAAAACAGAGACCATAGAAATTAACAGGACATGTCAGAGCAATATGAGCTGG 253
Qy 1058 AACAGGAATTTGGCTTTTATAAAATTTGATGCTAAAATTTGAGCCCACTAAATTTATTCAT 1117
Db 252 AACAGGAATTTGGCTTTTATAAAATTTGATGCTAAAATTTGAGCCCACTAAATTTATTCAT 193
Qy 1118 CAGAGTATGCTGAAATTTGATAAGCCCAAGATGAAGCCCTTACATTGGCAATCCAGAT 1177
Db 192 CAGAGTATGCTGAAATTTGATAAGCCCAAGATGAAGCCCTTACATTGGCAATCCAGAT 133
Qy 1178 ACAAGAGAATATGTTTGGCCACAGAGATTTATTTTACAGTGTCTCAGGCAATCAGAT 1237
Db 132 AC---AGAAATATGTTTGGCCACAGAGATTTATTTTACAGTGTCTCAGGCAATCAGAT 76
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QY 1238 TCAGAGATGGAGCCAGATGAACAACTTAGAATGATCAGATGAATTCAGAGGCCACA 1297
Db |||||||
75 TCAAGAGATGGAGCCAGATGAACAACTTAGAATGATCAGATGAATTCAGAGGCCACA 16
QY 1298 CACCCTGGACACCG 1312
Db |||||||
15 CACCCTGGAAACGC 1

RESULT 11

US-11-266-748A-236039
; Sequence 236039, Application US/11266748A
; Publication No. US20060134663A1
; GENERAL INFORMATION:
; APPLICANT: Harkin, Paul
; APPLICANT: Johnston, Patrick
; APPLICANT: Mulligan, Karl
; TITLE OF INVENTION: Transcriptome Microarray Technology and
; TITLE OF INVENTION: Methods of Using the Same
; FILE REFERENCE: 55815-0102 (319189)
; CURRENT APPLICATION NUMBER: US/11/266,748A
; CURRENT FILING DATE: 2005-11-03
; PRIOR APPLICATION NUMBER: EP 04105479.2
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105482.6
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105483.4
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105507.0
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105485.9
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105484.2
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: US 60/662,276
; PRIOR FILING DATE: 2005-03-14
; PRIOR APPLICATION NUMBER: US 60/700,293
; PRIOR FILING DATE: 2005-07-18
; NUMBER OF SEQ ID NOS: 483996
; SOFTWARE: Patent in version 3.3
; SEQ ID NO 236039
; LENGTH: 520
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-11-266-748A-236039

Query Match 4.2%; Score 292.6; DB 8; Length 520;
Best Local Similarity 97.8%; Pred. No. 1.8e-63;
Matches 308; Conservative 0; Mismatches 4; Indels 3; Gaps 1;
QY 998 AATTGCTAAACAGAGACCACTAGAAATTAACAGAGCATGTGAGAGCAATATGAGCTGG 1057
Db |||||||
209 ATTGCTAAACAGAGACCACTAGAAATTAACAGAGCATGTGAGAGCAATATGAGCTGG 268
QY 1058 AACAGGAATTCGCTTTTATATAAATTGATGCTAAATTTGAGCCACTAAATTTATCCAT 1117
Db |||||||
269 AACAGGAATTCGCTTTTATATAAATTGATGCTAAATTTGAGCCACTAAATTTATCCAT 328
QY 1118 CAGAGTATGCTGAATTTGATATAAGCCAGATGAAGCCCTTTACATTTGGCAATATCCAGAT 1177
Db |||||||
329 CAGAGTATGCTGAATTTGATATAAGCCAGATGAAGCCCTTTACATTTGGCAATATCCAGAT 388
QY 1178 ACAAGAGAAATATGTTTGGCCACAGAGATTTATATTATGACAGTGTCTCAGCAGTACAGA 1237
Db |||||||
389 AC---AGAAATATGTTTGGCCACAGAGATTTATATTATGACAGTGTCTCAGCAGTACAGA 445
QY 1238 TCAGAGATGGAGCCAGATGAACAACTTAGAATGATCAGATGAATTCAGAGGCCACA 1297
Db |||||||
446 TCAAGAGATGGAGCCAGATGAACAACTTAGAATGATCAGATGAATTCAGAGGCCACA 505
QY 1298 CACCCTGGACACCG 1312
Db |||||||
506 CACCCTGGAAACGC 520

RESULT 12

US-11-266-748A-54169
; Sequence 54169, Application US/11266748A
; Publication No. US20060134663A1
; GENERAL INFORMATION:
; APPLICANT: Harkin, Paul
; APPLICANT: Johnston, Patrick
; APPLICANT: Mulligan, Karl
; TITLE OF INVENTION: Transcriptome Microarray Technology and
; TITLE OF INVENTION: Methods of Using the Same
; FILE REFERENCE: 55815-0102 (319189)
; CURRENT APPLICATION NUMBER: US/11/266,748A
; CURRENT FILING DATE: 2005-11-03
; PRIOR APPLICATION NUMBER: EP 04105479.2
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105482.6
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105483.4
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105507.0
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105485.9
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105484.2
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: US 60/662,276
; PRIOR FILING DATE: 2005-03-14
; PRIOR APPLICATION NUMBER: US 60/700,293
; PRIOR FILING DATE: 2005-07-18
; NUMBER OF SEQ ID NOS: 483996
; SOFTWARE: Patent in version 3.3
; SEQ ID NO 54169
; LENGTH: 683
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-11-266-748A-54169

Query Match 4.1%; Score 285; DB 8; Length 683;
Best Local Similarity 100.0%; Pred. No. 1.8e-61;
Matches 285; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 6694 TGGGTGGAGAGCACTCCGGGAGAACTCGTCACCGGAGAACCGACTCAAGGCCCAA 6753
Db |||||||
1 TGGGTGGAGAGCACTCCGGGAGAACTCGTCACCGGAGAACCGACTCAAGGCCCAA 60
QY 6754 CTCGACACTGTATGTCCAAAGCAAGCAGAGTAATTAATTAAGGAAAGCGGCAGACAG 6813
Db |||||||
61 CTCGACACTGTATGTCCAAAGCAAGCAGAGTAATTAATTAAGGAAAGCGGCAGACAG 120
QY 6814 GGCACTTTACAGATTTGAGGAGACAAAGTAGAGTCTTTAGGGGAATTTGGTCCAGCACC 6873
Db |||||||
121 GGCACTTTACAGATTTGAGGAGACAAAGTAGAGTCTTTAGGGGAATTTGGTCCAGCACC 180
QY 6874 TCTGCAGATTCAGGTCATCACCAGCTCTCTCAGCTGAGTCTTCCCTCAGAGAGGAC 6933
Db |||||||
181 TCTGCAGATTCAGGTCATCACCAGCTCTCTCAGCTGAGTCTTCCCTCAGAGAGGAC 240
QY 6934 TCTCAACTTGGCAAAATCAGGAAAGAAATGCCTCAGCCAGATGA 6978
Db |||||||
241 TCTCAACTTGGCAAAATCAGGAAAGAAATGCCTCAGCCAGATGA 285

RESULT 13

US-11-266-748A-87312
; Sequence 87312, Application US/11266748A
; Publication No. US20060134663A1
; GENERAL INFORMATION:
; APPLICANT: Harkin, Paul
; APPLICANT: Johnston, Patrick
; APPLICANT: Mulligan, Karl
; TITLE OF INVENTION: Transcriptome Microarray Technology and

; TITLE OF INVENTION: Methods of Using the Same
 ; FILE REFERENCE: 5815-0102 (319189)
 ; CURRENT APPLICATION NUMBER: US/11/266,748A
 ; CURRENT FILING DATE: 2005-11-03
 ; PRIOR APPLICATION NUMBER: EP 04105479.2
 ; PRIOR FILING DATE: 2004-11-03
 ; PRIOR APPLICATION NUMBER: EP 04105482.6
 ; PRIOR FILING DATE: 2004-11-03
 ; PRIOR APPLICATION NUMBER: EP 04105483.4
 ; PRIOR FILING DATE: 2004-11-03
 ; PRIOR APPLICATION NUMBER: EP 04105507.0
 ; PRIOR FILING DATE: 2004-11-03
 ; PRIOR APPLICATION NUMBER: EP 04105485.9
 ; PRIOR FILING DATE: 2004-11-03
 ; PRIOR APPLICATION NUMBER: EP 04105484.2
 ; PRIOR FILING DATE: 2004-11-03
 ; PRIOR APPLICATION NUMBER: US 60/662,276
 ; PRIOR FILING DATE: 2005-03-14
 ; PRIOR APPLICATION NUMBER: EP 04105507.0
 ; PRIOR FILING DATE: 2004-11-03
 ; PRIOR APPLICATION NUMBER: EP 04105485.9
 ; PRIOR FILING DATE: 2004-11-03
 ; PRIOR APPLICATION NUMBER: EP 04105483.4
 ; PRIOR FILING DATE: 2004-11-03
 ; PRIOR APPLICATION NUMBER: EP 04105507.0
 ; PRIOR FILING DATE: 2004-11-03
 ; PRIOR APPLICATION NUMBER: EP 04105485.9
 ; PRIOR FILING DATE: 2004-11-03
 ; PRIOR APPLICATION NUMBER: EP 04105482.6
 ; NUMBER OF SEQ ID NOS: 483996
 ; SOFTWARE: Patent in version 3.3
 ; SEQ ID NO 87312
 ; LENGTH: 626
 ; TYPE: DNA
 ; ORGANISM: Homo Sapiens
 ; FEATURE:
 ; NAME/KEY: misc feature
 ; LOCATION: (436)..(446)
 ; OTHER INFORMATION: n is a, c, g, or t
 ; FEATURE:
 ; NAME/KEY: misc feature
 ; LOCATION: (465)..(473)
 ; OTHER INFORMATION: n is a, c, g, or t
 ; US-11-266-748A-87312

Query Match 2.7%; Score 190; DB 8; Length 626;
 Best Local Similarity 99.5%; Pred. No. 1.7e-37;
 Matches 201; Conservative 0; Mismatches 0; Indels 1; Gaps 1;
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 Db 1 AGCAGAAGTATTAAATTAAGGAAGCGGCAGACAGAGGGGCACCTTTACACAGTTTGAGGAG 60
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 Db 61 ACAAGTAGATGCTTTAGGGGAATTTGGTCCACAGACCTCTGCAGATTCAGCGTCATCACC 119
 QY 6897 CAGTCTGTCTCAGCTGGAGTCTTCCCTCAGAGGAGTCTCAACTTGGACAAAATCAGGA 6956
 Db 120 CAGTCTGTCTCAGCTGGAGTCTTCCCTCAGAGGAGTCTCAACTTGGACAAAATCAGGA 179
 QY 6957 AAAGAATGCTTCAGCCAGATGA 6978
 Db 180 AAAGAATGCTTCAGCCAGATGA 201

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 US-11-266-748A-140123/c
 ; Sequence 140123, Application US/11266748A
 ; Publication No. US20060134663A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Harkin, Paul
 ; APPLICANT: Johnston, Patrick
 ; APPLICANT: Mulligan, Karl
 ; TITLE OF INVENTION: Transcriptome Microarray Technology and
 ; FILE REFERENCE: 5815-0102 (319189)
 ; CURRENT APPLICATION NUMBER: US/11/266,748A
 ; CURRENT FILING DATE: 2005-11-03
 ; PRIOR APPLICATION NUMBER: EP 04105479.2
 ; PRIOR FILING DATE: 2004-11-03
 ; PRIOR APPLICATION NUMBER: EP 04105482.6

; PRIOR FILING DATE: 2004-11-03
 ; PRIOR APPLICATION NUMBER: EP 04105483.4
 ; PRIOR FILING DATE: 2004-11-03
 ; PRIOR APPLICATION NUMBER: EP 04105507.0
 ; PRIOR FILING DATE: 2004-11-03
 ; PRIOR APPLICATION NUMBER: EP 04105485.9
 ; PRIOR FILING DATE: 2004-11-03
 ; PRIOR APPLICATION NUMBER: EP 04105484.2
 ; PRIOR FILING DATE: 2004-11-03
 ; PRIOR APPLICATION NUMBER: US 60/662,276
 ; PRIOR FILING DATE: 2005-03-14
 ; PRIOR APPLICATION NUMBER: US 60/700,293
 ; PRIOR FILING DATE: 2005-07-18
 ; NUMBER OF SEQ ID NOS: 483996
 ; SOFTWARE: Patent in version 3.3
 ; SEQ ID NO 140123
 ; LENGTH: 626
 ; TYPE: DNA
 ; ORGANISM: Homo Sapiens
 ; FEATURE:
 ; NAME/KEY: misc feature
 ; LOCATION: (154)..(162)
 ; OTHER INFORMATION: n is a, c, g, or t
 ; FEATURE:
 ; NAME/KEY: misc feature
 ; LOCATION: (181)..(191)
 ; OTHER INFORMATION: n is a, c, g, or t
 ; US-11-266-748A-140123

Query Match 2.7%; Score 190; DB 8; Length 626;
 Best Local Similarity 99.5%; Pred. No. 1.7e-37;
 Matches 201; Conservative 0; Mismatches 0; Indels 1; Gaps 1;
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 Db 626 AGCAGAAGTATTAAATTAAGGAAGCGGCAGACAGAGGGGCACCTTTACACAGTTTGAGGAG 567
 QY 6837 ACAAGTAGATGCTTTAGGGGAATTTGGTCCACAGACCTCTGCAGATTCAGCGTCATCACC 6896
 Db 566 ACAAGTAGATGCTTTAGGGGAATTTGGTCCACAGACCTCTGCAGATTCAGCGTCATCACC 508
 QY 6897 CAGTCTGTCTCAGCTGGAGTCTTCCCTCAGAGGAGTCTCAACTTGGACAAAATCAGGA 6956
 Db 507 CAGTCTGTCTCAGCTGGAGTCTTCCCTCAGAGGAGTCTCAACTTGGACAAAATCAGGA 448
 QY 6957 AAAGAATGCTTCAGCCAGATGA 6978
 Db 447 AAAGAATGCTTCAGCCAGATGA 426

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 US-11-266-748A-271052/c
 ; Sequence 271052, Application US/11266748A
 ; Publication No. US20060134663A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Harkin, Paul
 ; APPLICANT: Johnston, Patrick
 ; APPLICANT: Mulligan, Karl
 ; TITLE OF INVENTION: Transcriptome Microarray Technology and
 ; FILE REFERENCE: 5815-0102 (319189)
 ; CURRENT APPLICATION NUMBER: US/11/266,748A
 ; CURRENT FILING DATE: 2005-11-03
 ; PRIOR APPLICATION NUMBER: EP 04105479.2
 ; PRIOR FILING DATE: 2004-11-03
 ; PRIOR APPLICATION NUMBER: EP 04105482.6
 ; PRIOR FILING DATE: 2004-11-03
 ; PRIOR APPLICATION NUMBER: EP 04105483.4
 ; PRIOR FILING DATE: 2004-11-03
 ; PRIOR APPLICATION NUMBER: EP 04105507.0
 ; PRIOR FILING DATE: 2004-11-03
 ; PRIOR APPLICATION NUMBER: EP 04105485.9
 ; PRIOR FILING DATE: 2004-11-03

; PRIOR APPLICATION NUMBER: EP 04105484.2
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: US 60/662,276
; PRIOR FILING DATE: 2005-03-14
; PRIOR APPLICATION NUMBER: US 60/700,293
; PRIOR FILING DATE: 2005-07-18
; NUMBER OF SEQ ID NOS: 483996
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 271052
; LENGTH: 544
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-11-266-748A-271052

Query Match 2.4%; Score 166.2; DB 8; Length 544;
Best Local Similarity 97.3%; Pred. NO. 1.6e-31;
Matches 180; Conservative 0; Mismatches 3; Indels 2; Gaps 1;
Qy 2687 CAAGAATGAATTTTTCATAGAGGCAACATGAAGCAAGAAATCCAGCAATGGAGATGAAA 2746
Db 484 CACAGATGAATTTTGATA--AGGCAACATGAAGCAAGAAATCCAGCAATGGAGATGAAA 427
Qy 2747 TTCCTATTTCAGAGAAATCTAAAAAGTATGGAGGAAATCCAGGCCCTTACAGATCTCC 2806
Db 426 TTCCTATTTCAGAGAAATCTAAAAAGTATGGAGGAAATCCAGGCCCTTACAGATCTCC 367
Qy 2807 AACTTCAGGAAGCTGATGAAGAGAGGAGAGAAATTCGGCCCAACTCCGAGAGTTAGAGA 2866
Db 366 AACTTCAGGAAGCTGATGAAGAGAGGAGAGAAATTCGGCCCAACTCCGAGAGTTAGAGA 307
Qy 2867 AAAAG 2871
Db 306 AAAAG 302

Search completed: September 1, 2006, 20:49:13
Job time : 1123 secs

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OM nucleic - nucleic search, using sw model

Run on: September 1, 2006, 10:34:57 ; Search time 7517 seconds
(without alignments)
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Title: US-10-663-433-1

Perfect score: 6978

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Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 18892170 seqs, 6143817638 residues

Total number of hits satisfying chosen parameters: 37784340

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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- 2: /EMC_Celerra_SIDS3/ptodata/2/pubpna/US08_PUBCOMB.seq:*
- 3: /EMC_Celerra_SIDS3/ptodata/2/pubpna/US09_PUBCOMB.seq:*
- 4: /EMC_Celerra_SIDS3/ptodata/2/pubpna/US09C_PUBCOMB.seq:*
- 5: /EMC_Celerra_SIDS3/ptodata/2/pubpna/US09C_PUBCOMB.seq:*
- 6: /EMC_Celerra_SIDS3/ptodata/2/pubpna/US10A_PUBCOMB.seq:*
- 7: /EMC_Celerra_SIDS3/ptodata/2/pubpna/US10B_PUBCOMB.seq:*
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- 9: /EMC_Celerra_SIDS3/ptodata/2/pubpna/US10D_PUBCOMB.seq:*
- 10: /EMC_Celerra_SIDS3/ptodata/2/pubpna/US10E_PUBCOMB.seq:*
- 11: /EMC_Celerra_SIDS3/ptodata/2/pubpna/US10F_PUBCOMB.seq:*
- 12: /EMC_Celerra_SIDS3/ptodata/2/pubpna/US10G_PUBCOMB.seq:*
- 13: /EMC_Celerra_SIDS3/ptodata/2/pubpna/US11A_PUBCOMB.seq:*
- 14: /EMC_Celerra_SIDS3/ptodata/2/pubpna/US11B_PUBCOMB.seq:*
- 15: /EMC_Celerra_SIDS3/ptodata/2/pubpna/US11C_PUBCOMB.seq:*
- 16: /EMC_Celerra_SIDS3/ptodata/2/pubpna/US11D_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	6978	100.0	6978	8	US-10-663-433-1
2	6978	100.0	7433	9	US-10-723-860-1449
3	5466.8	78.3	8452	7	US-10-240-145-102
4	5466.8	78.3	8452	10	US-10-291-128-102
5	5300.8	76.0	6244	9	US-10-723-860-5904
6	2873.6	41.2	3044	7	US-10-108-260A-2049
7	2403.2	34.4	2631	7	US-10-104-047-52
8	2403.2	34.4	2631	16	US-11-072-512-52
9	1332.8	19.1	1888	7	US-10-240-145-16
10	1332.8	19.1	1888	10	US-10-291-128-16
11	922.2	13.2	3048	8	US-10-450-763-4627
12	922.2	13.1	916	8	US-10-296-115-187
13	531.8	7.6	667	10	US-10-779-543-8675
14	434.8	6.2	464	3	US-09-796-692-5887
15	434.8	6.2	464	6	US-10-040-862-5887
16	434.8	6.2	464	7	US-10-057-475B-5887
17	434.8	6.2	464	7	US-10-154-884B-5887

18	434.8	6.2	464	9	US-10-764-324-5887	Sequence 5887, Ap
19	434	6.2	442	3	US-09-796-692-3017	Sequence 3017, Ap
20	434	6.2	442	3	US-10-040-862-3017	Sequence 3017, Ap
21	434	6.2	442	7	US-10-057-475B-3017	Sequence 3017, Ap
22	434	6.2	442	7	US-10-154-884B-3017	Sequence 3017, Ap
23	434	6.2	442	9	US-10-764-324-3017	Sequence 3017, Ap
24	427.8	6.1	499	3	US-09-738-973-333	Sequence 333, App
25	427.8	6.1	499	3	US-09-854-133-333	Sequence 333, App
26	427.8	6.1	499	6	US-10-144-649A-333	Sequence 333, App
27	360	5.2	360	10	US-10-450-763-5760	Sequence 5760, Ap
28	318.6	4.6	563	7	US-10-029-386-206	Sequence 206, App
29	316.6	4.5	389	7	US-10-029-386-13913	Sequence 13913, A
30	302.6	4.3	784	6	US-10-076-555-542	Sequence 542, App
31	302.6	4.3	784	10	US-10-779-543-542	Sequence 542, App
32	302.6	4.3	784	10	US-10-779-543-3798	Sequence 3798, Ap
33	300	4.3	300	6	US-10-076-555-247	Sequence 247, App
34	300	4.3	300	10	US-10-779-543-247	Sequence 247, App
35	300	4.3	300	10	US-10-779-543-2362	Sequence 2362, Ap
36	284.6	4.1	300	10	US-10-779-543-7441	Sequence 7441, Ap
37	270.8	3.9	541	7	US-10-029-386-1566	Sequence 1566, Ap
38	267	3.8	267	7	US-10-029-386-15267	Sequence 15267, A
39	259	3.7	259	6	US-10-043-487-161	Sequence 161, App
40	229.6	3.3	547	7	US-10-029-386-1519	Sequence 1519, Ap
41	224	3.2	539	7	US-10-029-386-1124	Sequence 1124, Ap
42	223	3.2	223	7	US-10-029-386-15220	Sequence 15220, A
43	221	3.2	221	7	US-10-029-386-14827	Sequence 14827, A
44	217.4	3.1	510	3	US-09-867-701-8428	Sequence 8428, Ap
45	190	2.7	412	3	US-09-918-995-37100	Sequence 37100, A

ALIGNMENTS

RESULT 1
US-10-663-433-1
; Sequence 1, Application US/10663433
; Publication No. US20040175721A1
; GENERAL INFORMATION:
; APPLICANT: Doxsey, Stephen J.
; TITLE OF INVENTION: CENTROSOME PROTEINS AND USES THEREOF
; FILE REFERENCE: 07917-162001
; CURRENT APPLICATION NUMBER: US/10/663,433
; CURRENT FILING DATE: 2003-09-15
; PRIOR APPLICATION NUMBER: US 60/410,520
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 6978
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)...(6975)
US-10-663-433-1

Query Match	100.0%	Score 6978;	DB 8;	Length 6978;
Best Local Similarity	100.0%;	Pred. No. 0;		
Matches 6978;	Conservative	0;	Mismatches	0;
			Indels	0;
			Gaps	0;
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Db	61	TCTCTTATCCCATCATCTATGTCCAATATGAGATCTAGGTCACTTTCACTTTGATTGGA	120	
QY	121	TCAGAGACTCTACCTTTTCATTTCTGGAGACAGTGTGTGAGCAAAATTGAGATTGCAGAT	180	
Db	121	TCAGAGACTCTACCTTTTCATTTCTGGAGACAGTGTGTGAGCAAAATTGAGATTGCAGAT	180	
QY	181	GAACAAATATGCTTTTGGACTATCAAGACCATTAAGAGGAGCTGATTCACATGCAGGAGTT	240	

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241 AGATATATTACAGAGGCCCTCATTAATAAACTTTACTATAACAGGATTAATTTGGCTTTGATA 300
Db
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QY
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Db
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QY
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RESULT 2
 US-10-723-860-1449
 ; Sequence 1449, Application US/10723860
 ; Publication No. US20040253606A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Aziz, Natasha
 ; APPLICANT: Ginsburg, Wendy M.
 ; APPLICANT: Zlotnik, Albert
 ; TITLE OF INVENTION: Methods of Diagnosis of Soft Tissue Sarcoma, Compositions &
 ; FILE OF INVENTION: Methods for Screening for Soft Tissue Sarcoma Modulators
 ; FILE REFERENCE: 05882.0193.NPUS01
 ; CURRENT APPLICATION NUMBER: US/10/723,860
 ; CURRENT FILING DATE: 2003-11-26
 ; PRIOR APPLICATION NUMBER: 60/429,739
 ; PRIOR FILING DATE: 2002-11-26
 ; NUMBER OF SEQ ID NOS: 8393
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 1449
 ; LENGTH: 7433
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-723-860-1449

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2461 AAATAGGAACTGGGAAATGAACATCATATGCTCTTCAGATGTCTTAGGAAAGTCTT 2520
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2552 GCTGATTTACAGAAACAAATTCAGTGAATTCCTGACGCTCCAGTGGGAAAGAGATGAA 2611
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2581 GCACAAAGTTAGAGAGAAACCTCCAAAGAGAAATGGCTCTGAGCAGCAAGAGAACTGGCA 2640
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2701 GATAAGAGCAACATCAAGCAAGAAATCCAGCAAAATCGAGAAATGAAATTTCACTATTTGCAA 2760
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2852 GATGAGAGAGAGAGAGATTCCTGGCCCAACTCCGAGAGTTAGAGAAAGAGAGAACTT 2911
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Db 5972 GAATTAACAGACCAAGAAAGCAAACTGGCAAGTCTCTCAAGAGTGTGGCAGCTGAA 6031
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Db 6032 GAGCGTGTAGGACTCTGCAAGGAGAGAGAGAGTGTGTGAGAGCTGGAGAGACACTC 6091
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Db 6092 TCCCAAACTAAACCGGAGCTTTGAGAAAGGAGAGAGCAATTTGGTGGAGAAATCAGGTGAG 6151
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Qy 6301 ATACAAAGGAAATGGCAACAAATTTGAACTGGTACCCAGAGCAACCAATGAGCGGCGCAGG 6360
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Qy 6781 GAAGTATTAAATGAAGAAAGCGGAGAGAGAGGCACTTTACACAGTTTGGAGAGCA 6840
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Qy 6961 AATGCTCTCAGCCAGATGA 6978
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Db 6992 AATGCTCTCAGCCAGATGA 7009
RESULT 3
US-10-240-145-102
; Sequence 102, Application US/10240145
; Publication No. US20030235883A1
; GENERAL INFORMATION:
; APPLICANT: Hyseq, Inc
; TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES
; FILE REFERENCE: 21272-048
; CURRENT APPLICATION NUMBER: US/10/240,145
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: 09/540,217
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: 09/649,167
; PRIOR FILING DATE: 2000-08-23
; PRIOR APPLICATION NUMBER: 09/668,680
; PRIOR FILING DATE: 2000-09-22
; PRIOR APPLICATION NUMBER: 09/695,618
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 09/728,711
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: NOT YET ASSIGNED
; PRIOR FILING DATE: 2000-03-14
; NUMBER OF SEQ ID NOS: 172
; SOFTWARE: Cuscom
; SEQ ID NO 102
; LENGTH: 8452
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-240-145-102

Query Match 78.3%; Score 5466.8; DB 7; Length 8452;
Best Local Similarity 93.5%; Pred. No. 0;
Matches 5909; Conservative 0; Mismatches 67; Indels 342; Gaps 6;

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Qy 988 ACARAAATGAATTTGCTAAACAGAGAGACCATAGATAATTAACAGAGCATGTCAAGAGCAA 1047
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QY 1408 GCTACTGAAGAAATTTAAACAACTGGAAAGAGCTATACAACTAAAAAG----- 1455
DB 2678 GCTACTGAAGAAATTTAAACAACTGGAAAGAGCTATACAACTAAAAAGAGGCGTGTGT 2737
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QY 2017 ATGAGGAAGGAGCTTCAGAGCTAGAAAGTGCCCTCCAAGAGCAGCATGAGGTGAATGCA 2076
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DB 4538 AAGGGGAGCAGGTTTCGACTTCAGATGGAGAAACAGAGTGTAGGTACTGGAGCAAACTCA 4597
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QY 3397 ATGGCAGATCTCTTCAAAAGACGAGGCTATTGGTACTTTTATGCCACCACCATCATCA 3456

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Db	6998	CAAGACTTAGTAGATACTGGGATTTGGCACTTGACCACCTCTAGTAAGATGGCTTTATTAGT	7057
Qy	5629	CAAGACCAATTTGAACCTTAGCAAAACAGGACCTGCTTCACACCACCAAGCATCAGGATGTG	5688
Db	7058	AGTTTCCACTTGTCTTTCACCTTAAGGACCTGCTTCACACCACCAAGCATCAGGATGTG	7117
Qy	5689	TTGCTCAGTGAGCAGACCCGACTCCAGAAGGACATCAGTGAATGGGCAAAATAGGTTTGAA	5748
Db	7118	TTGCTCAGTGAGCAGACCCGACTCCAGAAGGACATCAGTGAATGGGCAAAATAGGTTTGAA	7177
Qy	5749	GACTGTCCAGAAAGAGGAGACAAAACAAACAACTTCAAGTGTCTTCAGNATGAGATT	5808
Db	7178	GACTGTCCAGAAAGAGGAGACAAAACAAACAACTTCAAGTGTCTTCAGNATGAGATT	7237
Qy	5809	GAAGAAACAGGCTCAAACTAGTCCAAACAGAAATGATGTTTCAGAGACTCCAGAAAGAG	5868
Db	7238	GAAGAAACAGGCTCAAACTAGTCCAAACAGAAATGATGTTTCAGAGACTCCAGAAAGAG	7297
Qy	5869	AGAGAAAGTGAAGAAAGCAAAATTAGAAACACAGTAAAGTGACACTGAAAGGAGCAACAGCAC	5928
Db	7298	AGAGAAAGTGAAGAAAGCAAAATTAGAAACACAGTAAAGTGACACTGAAAGGAGCAACAGCAC	7357
Qy	5929	CAGCTGGAAAGGAATTAACAGACACAGAAAGCAAACTGGACCAAGTGCTCTCAAAAGTG	5988
Db	7358	CAGCTGGAAAGGAATTAACAGACACAGAAAGCAAACTGGACCAAGTGCTCTCAAAAGTG	7417
Qy	5989	CTGGCAGCTGAAGAGCGTGTTAGGACTCTGCAGGAGAGAGAGAGGTGGTGTGAGAGCCTG	6048
Db	7418	CTGGCAGCTGAAGAGCGTGTTAGGACTCTGCAGGAGAGAGAGAGGTGGTGTGAGAGCCTG	7477
Qy	6049	GAGAAAGACACTCTCCCAAACTTAAACGGCAGCTTTCAGAAAGGGAGCAGCAATTTGGTGGAG	6108
Db	7478	GAGAAAGACACTCTCCCAAACTTAAACGGCAGCTTTCAGAAAGGGAGCAGCAATTTGGTGGAG	7537
Qy	6109	AAATCAGGTGAGCTGTGGCCCTCCAGAAAGAGCAGATTCTATGAGGGCAGACTTCAAGC	6168
Db	7538	AAATCAGGTGAGCTGTGGCCCTCCAGAAAGAGCAGATTCTATGAGGGCAGACTTCAAGC	7597
Qy	6169	CTTCTGGGAAACAGTCTTTGACAGAAAGAAAGAAAGCTCAGAGCAGGTGGCCAGCCTG	6228
Db	7598	CTTCTGGGAAACAGTCTTTGACAGAAAGAAAGAAAGCTCAGAGCAGGTGGCCAGCCTG	7657
Qy	6229	AAGGAAGCACTTAAGATCCAGCGGAGCCAGCTGGAGAAAAACCTTCTTGAGCAAAAAACAG	6288
Db	7658	AAGGAAGCACTTAAGATCCAGCGGAGCCAGCTGGAGAAAAACCTTCTTGAGCAAAAAACAG	7717
Qy	6289	GAGAAACAGCTGCATACAAAAAGGAAATGGCAACAAATTGAACTGTGTAGCCCAAGCAACCAT	6348
Db	7718	GAGAAACAGCTGCATACAAAAAGGAAATGGCAACAAATTGAACTGTGTAGCCCAAGCAACCAT	7777
Qy	6349	GAGGGGCCAGGCGCTGTATGAAGGAGCTCAACAGATGCGAGTATGAGTACACGGAGCTC	6408
Db	7778	GAGGGGCCAGGCGCTGTATGAAGGAGCTCAACAGATGCGAGTATGAGTACACGGAGCTC	7837
Qy	6409	AAGAAACAGATGGCAACCAAAAGATTTGGAGAGAGACAATAATGGAAATCAGTGATGCA	6468
Db	7838	AAGAAACAGATGGCAACCAAAAGATTTGGAGAGAGACAATAATGGAAATCAGTGATGCA	7897
Qy	6469	ATGAGGACACTTAAATCTGAGGTGAAGGATGAATTCAGAACCCAGCTTGAAGAAATCTTAAT	6528
Db	7898	ATGAGGACACTTAAATCTGAGGTGAAGGATGAATTCAGAACCCAGCTTGAAGAAATCTTAAT	7957
Qy	6529	CAGTTTCTTCAGNACTACACAGCGAGCTCTAGAGAGCTATTTTGGAAAGAAACGAAAACCTTA	6588
Db	7958	CAGTTTCTTCAGNACTACACAGCGAGCTCTAGAGAGCTATTTTGGAAAGAAACGAAAACCTTA	8017
Qy	6589	GAAGGAGAAATTTGGAAGAGCTTTGAAAGAGAACTCTCCATTTTACCATTGATGAGGACCTTTT	6648
Db	8018	GAAGGAGAAATTTGGAAGAGCTTTGAAAGAGAACTCTCCATTTTACCATTGATGAGGACCTTTT	8077
Qy	6649	GAAGAAAAACCTGAATCTTTTCCCAAGTTTCAACATAATGGAATGAACACCTGGCGTGGAGAGCA	6708

Db	8078	GAAGAAAACTGAACCTTTTCCCAAGTTCATAAT			-----	8112
Qy	6709	CTCGGAGAAACTGGCTCACCGGGAAGACCGACTCAAGGCCCAACTCAAGGCCCACTTCCGACACTGTATG			-----	6768
Db	8113	-----	-----	-----	-----	8134
Qy	6769	TCCAAGCAAGCAGAGATTAATTAAGGAAAGCGGAGAGACAGAGGGCACTTTACACAGT			-----	6828
Db	8135	TCCAAGCAAGCAGAGATTAATTAAGGAAAGCGGAGAGACAGAGGGCACTTTTACACAGT			-----	8194
Qy	6829	TTGAGGAGACAAGTACAGTCTTTTAGGGGAATTCGTCAACAGCACCTCTCTGCAGATTTCAGCG			-----	6888
Db	8195	TTGAGGAGACAAGTACAGTCTTTTAGGGGAATTCGTCAACAGCACCTCTCTGCAGATTTCAGCG			-----	8254
Qy	6889	TCATCACCCAGTCTGTCTCAGCTGGAGTCTTCCCTCACAGAGGACTCTCAACTTGGACAA			-----	6948
Db	8255	TCATCACCCAGTCTGTCTCAGCTGGAGTCTTCCCTCACAGAGGACTCTCAACTTGGACAA			-----	8314
Qy	6949	AATCAGGAAAGAAATGCC	6966			
Db	8315	AATCAGGCACAGTGTG	8332			
RESULT 4						
US-10-291-128-102						
; Sequence 102, Application US/10291128						
; Publication No. US2005020242A1						
; GENERAL INFORMATION:						
; APPLICANT: Nuvelo, Inc						
; TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES						
; FILE REFERENCE: 790C1P4						
; CURRENT APPLICATION NUMBER: US/10/291,128						
; CURRENT FILING DATE: 2002-11-08						
; PRIOR APPLICATION NUMBER: PCT/US01/10484						
; PRIOR FILING DATE: 2001-03-30						
; PRIOR APPLICATION NUMBER: 09/540,217						
; PRIOR FILING DATE: 2000-03-31						
; PRIOR APPLICATION NUMBER: 09/649,167						
; PRIOR FILING DATE: 2000-08-23						
; PRIOR APPLICATION NUMBER: 09/668,680						
; PRIOR FILING DATE: 2000-09-22						
; PRIOR APPLICATION NUMBER: 09/695,618						
; PRIOR FILING DATE: 2000-10-23						
; PRIOR APPLICATION NUMBER: 09/728,711						
; PRIOR FILING DATE: 2000-11-30						
; PRIOR APPLICATION NUMBER: 09/808,701						
; PRIOR FILING DATE: 2001-03-14						
; NUMBER OF SEQ ID NOS: 172						
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; SEQ ID NO 102						
; LENGTH: 8452						
; TYPE: DNA						
; ORGANISM: Homo sapiens						
US-10-291-128-102						
Query Match 78.3%; Score 5466.8; DB 10; Length 8452;						
Best Local Similarity 93.5%; Pred. No. 0;						
Matches 5909; Conservative 0; Mismatches 67; Indels 342; Gaps 6;						
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Db	2198	GAAGAGGTAAAGACTGGAAGAGAGACCTAGAAAAAAGATGATAGAAACTGAAGAGCTT	2257			
Qy	868	AAGAGCAAAACACACAGGTTCTCTGAGGAAATTAATAATCAAGATAAATTGAATAATCA	927			
Db	2258	AAGAGCAAAACACACAGGTTCTCTGAGGAAATTAATAATCAAGATAAATTGAATAATCA	2317			
Qy	928	TTAAAGAGAGAGGCCATGTTACAGAAAACAGAGCTGTGAGGAACTCAAGAGTGACTTAAAC	987			
Db	2318	TTAAAGAGAGAGGCCATGTTACAGAAAACAGAGCTGTGAGGAACTCAAGAGTGACTTAAAC	2377			
Qy	988	ACAAAAAATGAATTGCTTAAAAACAGAAAGACCATAGATTTAAACAGGACATGTGTGAAGCAA	1047			

|||||
2378 ACAGAAATGAAT----- 2391
QY TATGAGCTGGAACAGAGAAATGGCCCTTTTATAAAATTTGATCTAAATTTTGAGCCACTAAAT 1107
Db ----- 2391
QY TATTATCCATCAGAGTATGCTGAAATTTGATAAGCCCCAGATGAAAGCCCTTACATTTGCC 1167
Db -----GTATGCTGAAATTTGATAAGCCCCAGATGAAAGCCCTTACATTTGCC 2437
QY AAATCCAGATACAGAGAAATATGTTTGGCCACAGAGAGTTTATATTATGACAGTGTCTCAG 1227
Db AAATCCAGATACAGAGAAATATGTTTGGCCACAGAGAGTTTATATTATGACAGTGTCTCAG 2497
QY GCAGTACAGATCAAGAGATGGAAGTGGAGCCAGATGAACTTATAGAAATGATCACATGAACTTG 1287
Db GCAGTACAGATCAAGAGATGGAAGTGGAGCCAGATGAACTTATAGAAATGATCACATGAACTTG 2557
QY AGAGGCCACACACCTGGAACCTGGAACCTGGAAGACAAAGAAAAAATAAGTGCAGCA 1347
Db AGAGGCCACACACCTGGAACCTGGAACCTGGAAGACAAAGAAAAAATAAGTGCAGCA 2617
QY CAAACTCGACTATCAGAACTGCGATGATGAAATAGAAAAGCGACAAACAAATTTTTCAGA 1407
Db CAAACTCGACTATCAGAACTGCGATGATGAAATAGAAAAGCGACAAACAAATTTTTCAGA 2677
QY GCTACTGGAAGAAATTTAAACAACTGGAAGAGCTATACAACTAAAGAGGAGGCTGTGTT 1455
Db GCTACTGGAAGAAATTTAAACAACTGGAAGAGCTATACAACTAAAGAGGAGGCTGTGTT 2737
QY ----- 1455
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QY ----- 1489
Db ----- 2857
QY ----- 1536
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QY ----- 1596
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QY ----- 1656
Db ----- 3037
QY ----- 1716
Db ----- 3097
QY ----- 1776
Db ----- 3157
QY ----- 1836
Db ----- 3217
QY ----- 1896
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QY ----- 1956
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QY ----- 2016

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QY ATGAGGAAGAGCTTTGACAGAGCTAGAAAGTGCCCTTCCAAAGACAGCATGAGGTGAATGCA 2076
Db ATGAGGAAGAGCTTTGACAGAGCTAGAAAGTGCCCTTCCAAAGACAGCATGAGGTGAATGCA 3457
QY TCTTTTGACAGCAGACCCAGGAGATCTCAGTGCTATGAAGTCTGAGCTAGAGGCTCGGCTA 2136
Db TCTTTTGACAGCAGACCCAGGAGATCTCAGTGCTATGAAGTCTGAGCTAGAGGCTCGGCTA 3517
QY AACCTAAGGGATGCTGAAGCCAAACAGCTTCAAGGAAGAGTTGCAAAAGAGTAAACAGACTT 2196
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QY CAGGAGCGAGCAGAGAGTTCAGGAAGCAGAGAGTTCAGCAGAAAGGCGAGCAGCAAGCA 3096
Db CAGGAGCGAGCAGAGAGTTCAGGAAGCAGAGAGTTCAGCAGAAAGGCGAGCAGCAAGCA 4477

3097 GCCAGAGATCTCACCCGAGCAGAAAGCTGAGATCGAATCTCTCGAGAAATCTCTCAGGCAG 3156
4478 GCCAGAGATCTCACCCGAGCAGAAAGCTGAGATCGAATCTCTCGAGAAATCTCTCAGGCAG 4537
3157 AAGGGGAGCAGTTTGCATTTGAGATGGAGAGAAACAGGTGATGGTACTGGAGCAAACTCA 3216
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4898 GCCTCAACTCTCTTGAAGAAACCAACGCTTGGGACGAGGATGGGAGGAGGAGGAGTCAA 4957
3577 CTTCCCTTCCCTCAGGATCTGGGTTTATCTTCCCATCAGGAGTGGGTTACATAAAGTG 3636
4958 CTTCCCTTCCCTCAGGATCTGGGTTTATCTTCCCATCAGGAGTGGGTTACATAAAGTG 5017
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5158 GACCAAGGATCTGCAATTTAGAGAAAGACTCAGGTGGCAGTCTAGAGAGAACTGGAG 5217
6578 GACCAAGGATCTGCAATTTAGAGAAAGACTCAGGTGGCAGTCTAGAGAGAACTGGAG 6637
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		Query Match		76.0%; Score 5300.8; DB 9; Length 6244;	
		Best Local Similarity 98.7%; Pred. No. 0;		Matches 5330; Conservative 0; Mismatches 52; Indels 18; Gaps 1;	
		US-10-723-860-5904			
QY	1579	GCCGGAAGCAGAGGAGATTAAAGGCTGCAATAGCCATAGCTAGCTGGATCCAAA	1638	TTTCAGTGAATTTCTTGCACGCTCCAAAGTGGAAAGAGATGAAGCAAGTTAGAGAGAGA	2598
	1	GCCGGAAGCAGAGGAGATTAAAGGCTGCAATAGCCATAGCTAGCTGGATCCAAA	60	TTTCAGTGAATTTCTTGCACGCTCCAAAGTGGAAAGAGATGAAGCAAGTTAGAGAGAGA	1020
QY	1639	GACCCAAAACATTCCTCATATGAAGGCTCAAAAGAGCGTAAAGAACAAACAGCTTGACATT	1698	AACTCCAAAGAAATGGCTCTGCAGCAAGAGAACTGGCAACTGGCAAGAAAGAGTTTC	2658
	61	GACCCAAAACATTCCTCATATGAAGGCTCAAAAGAGCGTAAAGAACAAACAGCTTGACATT	120	AACTCCAAAGAAATGGCTCTGCAGCAAGAGAACTGGCAACTGGCAAGAAAGAGTTTC	1080
QY	1699	ATGAACCAAGCAGTACCAACAACTTTGAAAGTGGTTGGATGAGATACCTTTCTAGAAATGCT	1758	AGCAGSCCTGTGAGAGAGCCCTGGAGCAAGAAATGAATTTTGTATAAGAGCAACATGAA	2718
	121	ATGAACCAAGCAGTACCAACAACTTTGAAAGTGGTTGGATGAGATACCTTTCTAGAAATGCT	180	AGCAGSCCTGTGAGAGAGCCCTGGAGCAAGAAATGAATTTTGTATAAGAGCAACATGAA	1140
QY	1759	AAGGAAACGGAAGAGATTAGGACCTTTGAAGAACAGCTTACTGAAGGCCAGATAGCAGCA	1818	GAGGAAATCCAAAGCCCTTACAGATCTCCAACTTCAGAAATCTTAAAGAGTATG	2778
	181	AAGGAAACGGAAGAGATTAGGACCTTTGAAGAACAGCTTACTGAAGGCCAGATAGCAGCA	240	GAGGAAATCCAAAGCCCTTACAGATCTCCAACTTCAGAAATCTTAAAGAGTATG	1200
QY	1819	AATGAGCCCTGGAAGAGGATTTAGAGGCTTTATCAGTGGTTGCAAGAAATACCTGGGG	1878	GAGGAAATCCAAAGCCCTTACAGATCTCCAACTTCAGAAATCTTAAAGAGTATG	2838
	241	AATGAGCCCTGGAAGAGGATTTAGAGGCTTTATCAGTGGTTGCAAGAAATACCTGGGG	300	GAGGAAATCCAAAGCCCTTACAGATCTCCAACTTCAGAAATCTTAAAGAGTATG	1260
QY	1879	ACCAATTAAGGCCAGGCAACTCAGGCCCCAGAAAGTGCAGGAGCTGCGGGATGAGAAA	1938	ATTCTGGCCCACTCCGAGAGTTAGAGAAAGAAAGAACTTGAAGATGCCAAATCTCAG	2898
	301	ACCAATTAAGGCCAGGCAACTCAGGCCCCAGAAAGTGCAGGAGCTGCGGGATGAGAAA	360	ATTCTGGCCCACTCCGAGAGTTAGAGAAAGAAAGAACTTGAAGATGCCAAATCTCAG	1320
QY	1939	GAGACATTTGTCAGAGATTGACAGAAAGTGCAGAGAGAGAGACAGCTGGAAATAGTT	1998	GAGCAAGTTTGTGTTTGTAGTAAAGAACTTGAAGAACTTAAAGAAAGCCGTGGCCACTCT	2958
	361	GAGACATTTGTCAGAGATTGACAGAAAGTGCAGAGAGAGAGACAGCTGGAAATAGTT	420	GAGCAAGTTTGTGTTTGTAGTAAAGAACTTGAAGAACTTAAAGAAAGCCGTGGCCACTCT	1380
QY	1999	GCCATGATGCAGAAATATAGGAAGGAGCTTGCAGAGCTAGAAAGTGCCTCCAGAG	2058	GATTAAGCTAGCCACAGCTGAGCTCACCATTGTCACAAAGACAGCTGAACTCCCTCATGGA	3018
	421	GCCATGATGCAGAAATATAGGAAGGAGCTTGCAGAGCTAGAAAGTGCCTCCAGAG	480	GATTAAGCTAGCCACAGCTGAGCTCACCATTGTCACAAAGACAGCTGAACTCCCTCATGGA	1440
QY	2059	CAGCATGAGTGAATGATCTTTGCAGCAGACCCAGGGAGATCTCAGTGCCTATGAGCT	2118	ACTGTTATGAAATTAACAGGAGCGAGAGAGTTGCGAGAGCAGAGAGTTGCGAGAGCAGAGAGTT	3078
	481	CAGCATGAGTGAATGATCTTTGCAGCAGACCCAGGGAGATCTCAGTGCCTATGAGCT	540	ACTGTTATGAAATTAACAGGAGCGAGAGAGTTGCGAGAGCAGAGAGTTGCGAGAGCAGAGAGTT	1500
QY	2119	GAGCTAGAGCTCGGTAAACCTTAAGGATGCTGAAGCCAAACAGCTCAAGGAAGAGTTG	2178	AGAAAGCAGCAGCAGAGATCTCACCAGCAGAGAGCTGAGATCGAACTCCCTG	3138
	541	GAGCTAGAGCTCGGTAAACCTTAAGGATGCTGAAGCCAAACAGCTCAAGGAAGAGTTG	600	AGAAAGCAGCAGCAGAGATCTCACCAGCAGAGAGCTGAGATCGAACTCCCTG	1560
QY	2179	GAAGAAATACAGACTTACCCAGTTAGACAACTCAGCCCTTCAAGCAGAACTTGAGAG	2238	QAGAAATCTCTCAGGAGAGAGGGAGAGTTTCGACTTGGAGATGGAGAAACAGGTGTA	3198
	601	GAAGAAATACAGACTTACCCAGTTAGACAACTCAGCCCTTCAAGCAGAACTTGAGAG	660	CAGAAATCTCTCAGGAGAGAGGGAGAGTTTCGACTTGGAGATGGAGAAACAGGTGTA	1620
QY	2239	GAAGGCAAGCCCTCAAGAAATGCCCTTGGAAAGCCAGTTCTCAGAAAGAAAGAGGACAA	2298	GGTACTGGAGCAAACTCAGAGTCTTAGAAATTCAGAAACTGATGAGACAAATGGACGA	3258
	661	GAAGGCAAGCCCTCAAGAAATGCCCTTGGAAAGCCAGTTCTCAGAAAGAAAGAGGACAA	720	GGTACTGGAGCAAACTCAGAGTCTTAGAAATTCAGAAACTGATGAGACAAATGGACGA	1680
QY	2299	GAGAACAGTGAAGTCCATGCAAACTTTAAACATTTGAGAGATGACAAATATCTGTTAAAA	2358	CAAGGACAGAGATTGCAAGGCTGCAAGATGTTACTAGACCTCTGAGAGTGCACACAA	3318
	721	GAGAACAGTGAAGTCCATGCAAACTTTAAACATTTGAGAGATGACAAATATCTGTTAAAA	780	CAAGGACAGAGATTGCAAGGCTGCAAGATGTTACTAGACCTCTGAGAGTGCACACAA	1740
QY	2359	CAGCAACTTAAGATTTCCAGAAATCACCCTTAACCATGCTGGTTGTTGCTTCCA	2418	GGAGGCTTTGAAAAATGTTTGTAGAGAAATTTGCTGAACTTCGACGTGAAAGTTCTTATCAG	3378
	781	CAGCAACTTAAGATTTCCAGAAATCACCCTTAACCATGCTGGTTGTTGCTTCCA	840	GGAGGCTTTGAAAAATGTTTGTAGAGAAATTTGCTGAACTTCGACGTGAAAGTTCTTATCAG	1800
QY	2419	GAAGAAATGAGCTGCTGAGGATGAGCTAAGAAAGAAACTGAAATTTAGGAACTGGGGAA	2478	AATGATTACATAAGCAGATGCGAGATCTCTTCAAAAGAGAGGCTTATGGTACTTTATG	3438
	841	GAAGAAATGAGCTGCTGAGGATGAGCTAAGAAAGAAACTGAAATTTAGGAACTGGGGAA	900	AATGATTACATAAGCAGATGCGAGATCTCTTCAAAAGAGAGGCTTATGGTACTTTATG	1860
QY	2479	ATGAACATCCATAGTCTTCCAGATGTTTATGAGGAAAGTCTTCTGATTTACAGAAACAA	2538	CCACCACACCATCATCAAAAGTTTCCAGCCATAGTTCCAGGCCACCAAGGACTCTGGT	3498
	901	ATGAACATCCATAGTCTTCCAGATGTTTATGAGGAAAGTCTTCTGATTTACAGAAACAA	960	CCACCACACCATCATCAAAAGTTTCCAGCCATAGTTCCAGGCCACCAAGGACTCTGGT	1920

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Db 2041 AGTGGTTACATAAATCTGTTTCCAGTAGAGATGAGACAGTGGAGGAGATGATGCAGAA 2100
Qy 3679 GAGAGTGGCTGGATGACCAAGAGAAACCCCAATTTGTGCTCTCTCGGATACATGATG 3738
Db 2101 GAGAGTGGCTGGATGACCAAGAGAAACCCCAATTTGTGCTCTCTCGGATACATGATG 2160
Qy 3739 TATAGTGGCTTCTGATGGTTCTCTGTATGCCAGGGCATGGCTGTATGACACCACT 3798
Db 2161 TATAGTGGCTTCTGATGGTTCTCTGTATGCCAGGGCATGGCTGTATGACACCACT 2220
Qy 3799 CCTCCCTTGGCAAAACATAGCGGACCTCTCACCCCTGGCACTGTGTGTTATAGGCCCACT 3858
Db 2221 CCTCCCTTGGCAAAACATAGCGGACCTCTCACCCCTGGCACTGTGTGTTATAGGCCCACT 2280
Qy 3859 CCTGCTGGGGCCCCATGGTGTATGGGCTTCAACCCCACTTCTCATCCCCCTTCATC 3918
Db 2281 CCTGCTGGGGCCCC-----CCCCCACTTCTCATCCCCCTTCATC 2322
Qy 3919 CCTATGGGTGCTGCAATGCAAGCTCCCTGAACACCATTAATTTAGAGATGAAAGTTTCT 3978
Db 2323 CCTATGGGTGCTGCAATGCAAGCTCCCTGAACACCATTAATTTAGAGATGAAAGTTTCT 2382
Qy 3979 AGATTAGAGACATAATGCGACATTTAAATCAAGAGCGGGAAGAGGTGATGAGA 4038
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US-10-108-260A-2049
; Sequence 2049, Application US/10108260A
; Publication No. US20040005560A1
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: No. US20040005560A1e1 full length cDNA
; FILE REFERENCE: H1-A0106
; CURRENT APPLICATION NUMBER: US/10/108,260A
; CURRENT FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 5458
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2049
; LENGTH: 3044
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-108-260A-2049
Query Match 41.2%; Score 2873.6; DB 7; Length 3044;
Best Local Similarity 99.9%; Pred. No. 0;
Matches 2876; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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US-10-450-763-4627
; Sequence 4627, Application US/10450763
; Publication No. US20050196754A1
; GENERAL INFORMATION:
; APPLICANT: Hyseq, Inc
; TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES
; FILE REFERENCE: 790CIP3/US
; CURRENT APPLICATION NUMBER: US/10/450,763
; CURRENT FILING DATE: 2003-06-11
; PRIOR APPLICATION NUMBER: PCT/US01/08631
; PRIOR FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: 09/540,217
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: 09/649,167
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 60736
; SOFTWARE: Custom
; SEQ ID NO 4627
; LENGTH: 3048
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SIMILAR
; LOCATION: (1297)..(2982)
; OTHER INFORMATION: 62% homologous to Homo sapiens centriole associated protein
; OTHER INFORMATION: CEP110, accession number AF083322, Smith-Waterman Score=1564.
US-10-450-763-4627

Query Match 13.2%; Score 922.2; DB 10; Length 3048;
Best Local Similarity 99.1%; Pred. No. 2.4e-210;
Matches 927 M Conservative 0; Mismatches 8; Indels 0; Gaps 0;
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QY 4589 ACTCAGACTTCCATGTTTAAAGCAAGAGAACTGACAGAGAGCTTTCAGAAAC 4648

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Db 1880 ACTCAGACTTCATGTTTAAAGCAAGAGAGAGAAACTGACAGAGAGCTTCAGAAAC 1939
Qy 4649 TACAGAAAGCATAGAGATGCGAGAACGCAATAGGATCACCACTGCGAGTCTTAAAG 4708
Db 1940 TACAGAAAGCATAGAGATGCGAGAACGCAATAGGATCACCACTGCGAGTCTTAAAG 1999
Qy 4709 AATCTGAGGTCTTCTTCAGGCCAAAGAGCGGAGCTGGAAAAGCTGAAAAGCCAGGTGA 4768
Db 2000 AATCTGAGGTCTTCTTCAGGCCAAAGAGCGGAGCTGGAAAAGCTGAAAAGCCAGGTGA 2059
Qy 4769 CAAGTCAGCAGCAGAGATGGCTGTCTTGGACAGGCGAGTTAGGGCATAAAAGAGGAGC 4828
Db 2060 CAAGTCAGCAGCAGAGATGGCTGTCTTGGACAGGCGAGTTAGGGCATAAAAGAGGAGC 2119
Qy 4829 TGCATCTACTCAAGGAGCATGTGTCAGGCAAAAGCTGACCTCCAGGAGCTCTGAGAC 4888
Db 2120 TGCATCTACTCAAGGAGCATGTGTCAGGCAAAAGCTGACCTCCAGGAGCTCTGAGAC 2179
Qy 4889 TGGGAGAGACTGAAGTAACTGAGAAAGTGCAATCATATTAGGGAAGTAAATCTCTCTGG 4948
Db 2180 TGGGAGAGACTGAAGTAACTGAGAAAGTGCAATCATATTAGGGAAGTAAATCTCTCTGG 2239
Qy 4949 AAGAACTGAGTTTTCAGAAAGGAGAACTAAATGTTTCAGATTAGTGAAGAGAAAACCTCAAC 5008
Db 2240 AAGAACTGAGTTTTCAGAAAGGAGAACTAAATGTTTCAGATTAGTGAAGAGAAAACCTCAAC 2299
Qy 5009 TTACACTTATAAGCAGGAAATTTGAAAAGAGGAGAAATCTTCAGGTTGTTTAAAGGC 5068
Db 2300 TTACACTTATAAGCAGGAAATTTGAAAAGAGGAGAAATCTTCAGGTTGTTTAAAGGC 2359
Qy 5069 AGATGCTTAAACATAAACCGAATTAAGATATT 5103
Db 2360 AGATGCTTAAACATAAACCGAATTAAGATATT 2394
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RESULT 12

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US-10-296-115-187
; Sequence 187, Application US/10296115
; Publication No. US20040053248A1
; GENERAL INFORMATION:
; APPLICANT: Hyseq Inc
; TITLE OF INVENTION: No. US20040053248A1el Nucleic Acids and Polypeptides
; FILE REFERENCE: 784PCT
; CURRENT APPLICATION NUMBER: US/10/296,115
; CURRENT FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: US09/488,725
; PRIOR FILING DATE: 2000-01-21
; PRIOR APPLICATION NUMBER: US09/552,317
; PRIOR FILING DATE: 2000-04-25
; NUMBER OF SEQ ID NOS: 1478
; SEQ ID NO 187
; LENGTH: 916
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-296-115-187
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Query Match 13.1%; Score 912.8; DB 8; Length 916;
Best Local Similarity 99.8%; Pred. No. 2.1e-208;
Matches 914; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 2697 TTTTGATAAGAGGCAACATGAGCAAGAAATCCAGCAATCGAGATCAAAATTCACATTTT 2756
Db 1 TTTTGATAAGAGGCAACATGAGCAAGAAATCCAGCAATCGAGATCAAAATTCACATTTT 60
Qy 2757 GCAAGAAAATCTAAAAGTATGGAGGAAATCCAGGCGCTTACAGATCTCCAACTTCAGGA 2816
Db 61 GCAAGAAAATCTAAAAGTATGGAGGAAATCCAGGCGCTTACAGATCTCCAACTTCAGGA 120
Qy 2817 AGCTGATGAAGAGAGGAGAGAAATTTGGGCCAACTCCGAGAGTTAGAGAAAAGAGAA 2876
Db 121 AGCTGATGAAGAGAGGAGAGAAATTTGGGCCAACTCCGAGAGTTAGAGAAAAGAGAA 180
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Qy 2877 ACTTGAAGATGCCAAATCTCAGGAGCAAGTTTTTGGTTTATAGATAAAGAACTGAAGAAACT 2936
Db 181 ACTTGAAGATGCCAAATCTCAGGAGCAAGTTTTTGGTTTATAGATAAAGAACTGAAGAAACT 240
Qy 2937 AAAGAAAGCCGTCGCCCACTCTGATTAAGCTAGCCACAGCTGAGCTACCAATTTGCCAAGA 2996
Db 241 AAAGAAAGCCGTCGCCCACTCTGATTAAGCTAGCCACAGCTGAGCTACCAATTTGCCAAGA 300
Qy 2997 CAGCTGAGTCCCTTCATGGAATCTGTTATGAATAATTAACAGGAGCGAGCAGAGGAGTT 3056
Db 301 CAGCTGAGTCCCTTCATGGAATCTGTTATGAATAATTAACAGGAGCGAGCAGAGGAGTT 360
Qy 3057 GCAGGAAGCAGAGAGGTTTCAGCAGAAAGCGCAGCAAGCAGCAGCAGATCTCACCCGAGC 3116
Db 361 GCAGGAAGCAGAGAGGTTTCAGCAGAAAGCGCAGCAAGCAGCAGCAGATCTCACCCGAGC 420
Qy 3117 AGAAGCTGAGATCGAACTCTCTGAGAAATCTCTCAGCAGAAAGGGGAGCAGGTTTCGACT 3176
Db 421 AGAAGCTGAGATCGAACTCTCTGAGAAATCTCTCAGCAGAAAGGGGAGCAGGTTTCGACT 480
Qy 3177 TGAGATGGGAGAAACAGGTTCTAGGTACTGGAGCAAACTCACAGTCTCTAGAAATTTGAGAA 3236
Db 481 TGAGATGGGAGAAACAGGTTCTAGGTACTGGAGCAAACTCACAGTCTCTAGAAATTTGAGAA 540
Qy 3237 ACTGAATGAGACAATGGAACGACAAAGGACAGAGATTGCAAGGCTGCAGAAATTTGACTAGA 3296
Db 541 ACTGAATGAGACAATGGAACGACAAAGGACAGAGATTGCAAGGCTGCAGAAATTTGACTATA 600
Qy 3297 CTTCACTGGAAGTGACAAACAAAGGAGCTTTGAAAATGTTTTAGAGAAATTTGCTGAACT 3356
Db 601 CTTCACTGGAAGTGACAAACAAAGGAGCTTTGAAAATGTTTTAGAGAAATTTGCTGAACT 660
Qy 3357 TCGACGTGAGTTTCTTATCAGAAATGATTACATAAGCAGCATGCGAGATCTTTTCAAAAG 3416
Db 661 TCGACGTGAGTTTCTTATCAGAAATGATTACATAAGCAGCATGCGAGATCTTTTCAAAAG 720
Qy 3417 ACGAGGCTATTGGTACTTTATGCCACCACCACCATCATCAAAAGTTTCCAGCCATAGTTC 3476
Db 721 ACGAGGCTATTGGTACTTTATGCCACCACCACCATCATCAAAAGTTTCCAGCCATAGTTC 780
Qy 3477 CAGGCCACCAAGGACTCTGGTGTGGCTTAACTAGTACTAGCTCAACTCTGTTAGAAA 3536
Db 781 CAGGCCACCAAGGACTCTGGTGTGGCTTAACTAGTACTAGCTCAACTCTGTTAGAAA 840
Qy 3537 ACCACGCCCTGGCAGCAGATGGGAAGGAGCAGTCAACCTCCCTCCCTCAGGATA 3596
Db 841 ACCACGCCCTGGCAGCAGATGGGAAGGAGCAGTCAACCTCCCTCAGGATA 900
Qy 3597 CTGGGTTTATTCTCTCC 3612
Db 901 CTGGGTTTATTCTCTCC 916
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RESULT 13

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US-10-779-543-8675
; Sequence 8675, Application US/10779543
; Publication No. US20050227917A1
; GENERAL INFORMATION:
; APPLICANT: Williams et al
; TITLE OF INVENTION: GENE PRODUCTS DIFFERENTIALLY EXPRESSED
; TITLE OF INVENTION: IN CANCEROUS CELLS AND THEIR METHODS OF USE II
; FILE REFERENCE: 2300-21302
; CURRENT APPLICATION NUMBER: US/10/779,543
; CURRENT FILING DATE: 2004-02-12
; PRIOR APPLICATION NUMBER: 10/076,555
; PRIOR FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: 09/217,471
; PRIOR FILING DATE: 1998-12-21
; PRIOR APPLICATION NUMBER: 60/068,755
; PRIOR FILING DATE: 1997-12-23
; PRIOR APPLICATION NUMBER: 60/080,664
; PRIOR FILING DATE: 1998-04-03
; PRIOR APPLICATION NUMBER: 60/105,234
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; PRIOR FILING DATE: 1998-10-21
; PRIOR APPLICATION NUMBER: 09/297,648
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: PCT/US99/01619
; PRIOR FILING DATE: 1999-01-28
; PRIOR APPLICATION NUMBER: 60/072,910
; PRIOR FILING DATE: 1998-01-28
; PRIOR APPLICATION NUMBER: 60/075,954
; PRIOR FILING DATE: 1998-02-24
; PRIOR APPLICATION NUMBER: 60/080,114
; PRIOR FILING DATE: 1998-03-31
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 23767
; SOFTWARE: Fast-Seq for Windows Version 4.0
; SEQ ID NO 8675
; LENGTH: 667
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 2, 3, 5, 21, 22, 24, 26, 30, 124, 586, 606, 645, 654, 660
; OTHER INFORMATION: n = A,T,C or G
US-10-779-543-8675

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Query Match      7.6%   Score 531.8;   DB 10;   Length 667;
Best Local Similarity 97.9%;   Pred. No. 9.2e-117;
Matches 558;   Conservative 0;   Mismatches 10;   Indels 2;   Gaps 2;

QY 5981 CAAAGCTGCTGGCAGCTGAAGAGCGTGTAGGACTCTGCGAGGAAGAGGAGGAGTGGTGTG 6040
Db 28 CTNAGGCGCTGGCAGCTGAAGAGCGTGTAGGACTCTGCGAGGAAGAGGAGGAGTGGTGTG 87

QY 6041 AGAGCTGGAGAGACACTCTCCAACTAAACGGCAGCTTTTCAGAAAGGAGGAGCAAT 6100
Db 88 AGAGCTGGAGAGACACTCTCCAACTAAACGGCAGCTTTTCAGAAAGGAGGAGCAAT 147

QY 6101 TGGTGAGGAATCAGGTGAGCTGTGGCCCTCCAGAAAGGAGGAGTCTTATGAGGCGAG 6160
Db 148 TGGTGAGGAATCAGGTGAGCTGTGGCCCTCCAGAAAGGAGGAGTCTTATGAGGCGAG 207

QY 6161 ACTTCAGCCCTTCGCGGAACACAGTCTTGTGACAGAAAGAAAGCTGAGAAGCAGGTGG 6220
Db 208 ACTTCAGCCCTTCGCGGAACACAGTCTTGTGACAGAAAGAAAGCTGAGAAGCAGGTGG 267

QY 6221 CAGCCTGAAGGAAGCACTTAAGATCCAGCGGAGCCAGCTGGAGAAACCTTCTTGAGC 6280
Db 268 CAGCCTGAAGGAAGCACTTAAGATCCAGCGGAGCCAGCTGGAGAAACCTTCTTGAGC 327

QY 6281 AAAAAAGGAGAGACAGCTGCATACAAAGGAATGGCAACATTTGAATCGTAGCCGAGG 6340
Db 328 AAAAAAGGAGAGACAGCTGCATACAAAGGAATGGCAACATTTGAATCGTAGCCGAGG 387

QY 6341 ACAACCATGAGCGGGCAGCGCTGATGAAGAGCTCAACAGAGTGCAGTATGAGTACA 6400
Db 388 ACAACCATGAGCGGGCAGCGCTGATGAAGAGCTCAACAGAGTGCAGTATGAGTACA 447

QY 6401 CGAGCTCAAGAAACAGATGGCAACCAAAAGATTGGAGAGAGCAAAATGGAATCA 6460
Db 448 CGAGCTCAAGAAACAGATGGCAACCAAAAGATTGGAGAGAGCAAAATGGAATCA 507

QY 6461 GTGATCCATGAGGACACTTAAATCTGAGGTGAGGATGAAATCAGAACCCAGCTTCAAGA 6520
Db 508 GTGATCCATGAGGACACTTAAATCTGAGGTGAGGATGAAATCAGAACCA-CTTGAAGA 566

QY 6521 ATCTTAATCAGTTTCTTCCAGAACTACCAG 6550
Db 567 AT-TTAATCAGTTTCTTCCNACTCCACAG 595

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RESULT 14
US-09-796-692-5887
; Sequence 5887, Application US/09796692
; Publication No. US20020198362A1

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; GENERAL INFORMATION:
; APPLICANT: Gaiger, Alexander
; APPLICANT: Algate, Paul A.
; APPLICANT: Mannion, Jane
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DETECTION, DIAGNOSIS AND THERAPY
; FILE REFERENCE: 2077.001200
; CURRENT APPLICATION NUMBER: US/09/796,692
; CURRENT FILING DATE: 2001-03-01
; PRIOR APPLICATION NUMBER: 60/186,126
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: 60/190,479
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: 60/200,545
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: 60/200,303
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: 60/200,779
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: 60/200,999
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: 60/202,084
; PRIOR FILING DATE: 2000-05-04
; PRIOR APPLICATION NUMBER: 60/206,201
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: 60/218,950
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: 60/222,903
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: 60/223,416
; PRIOR FILING DATE: 2000-08-04
; PRIOR APPLICATION NUMBER: 60/223,378
; PRIOR FILING DATE: 2000-08-07
; NUMBER OF SEQ ID NOS: 9597
; SOFTWARE: Fast-Seq for Windows Version 3.0
; SEQ ID NO 5887
; LENGTH: 464
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-796-692-5887

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Query Match      6.2%   Score 434.8;   DB 3;   Length 464;
Best Local Similarity 99.1%;   Pred. No. 1.7e-93;
Matches 458;   Conservative 0;   Mismatches 2;   Indels 2;   Gaps 2;

QY 6297 CTGCATACAAAAGGAAATGGCAACAATTTGAACTGGTAGCCAGCAACCAATGAGCGGC 6356
Db 1 CTGCATACAAAAGGAAATGGCAACAATTTGAACTGGTAGCCAGCAACCAATGAGCGGC 60

QY 6357 CAGGCGCTGTGAAGAGCTCAACAGATGCAAGTATGATGACAGGAGCTCAAGAAACA 6416
Db 61 CAGGCGCTGTGAAGAGCTCAACAGATGCAAGTATGATGACAGGAGCTCAAGAAACA 120

QY 6417 GATGGCAACCAAAAGATTTGGAGAGAGACAAATGGAATCAGTATGCAATGAGGAC 6476
Db 121 GATGGCAACCAAAAGATTTGGAGAGAGACAAATGGAATCAGTATGCAATGAGGAC 180

QY 6477 ACTTAATCTGAGGTGAAGGATGAAATCAGAACCACTTGAAGAACTTTAATCAGTTTCT 6536
Db 181 ACTTAATCTGAGGTGAAGGATGAAATCAGAACCACTTGAAGAACTTTAATCAGTTTCT 240

QY 6537 TCAGNACTACAGCAGATCTAGAGCTATTTGGAAAGAGAAACCTTAGAGGAGA 6596
Db 241 TCAGNACTACAGCAGATCTAGAGCTATTTGGAAAGAGAAACCTTAGAGGAGA 300

QY 6597 ATTGGAAGCTTGAAGAGAACTTCCATTTTACCATGATGAGGAGCTTTTGAAGAAAA 6656
Db 301 ATTGGAAGCTTGAAGAGAACTTCCATTTTACCATGATGAGGAGCTTTTGAAGAAAA 360

QY 6657 ACTGAACCTTTTCCCAAGTTTACATATATGATGAACTGCGTGGAG-AAGCACTCCGG 6715
Db 361 ACTGAACCTTTTCCCAAGTTTACATATATGATGAACTGCGTGGAGAAAGCACTCCGG 420

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Qy 6716 AGAACTCGCTCAGCGGAGACCGACTCAGGCGCCAACTCC 6757
Db 421 AGAACTCGC-CACCGGAGACCGACTCAGGCGCCAACTTC 461

RESULT 15

US-10-040-862-5887
; Sequence 5887, Application US/10040862
; Publication No. US20030078396A1
; GENERAL INFORMATION:
; APPLICANT: Gaiger, Alexander
; APPLICANT: Algate, Paul A.
; APPLICANT: Mannion, Jane
; APPLICANT: Retter, Marc
; APPLICANT: Corixa Corporation
; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
; FILE REFERENCE: 014058-013520US
; CURRENT APPLICATION NUMBER: US/10/040,862
; CURRENT FILING DATE: 2001-11-06
; PRIOR APPLICATION NUMBER: US 60/186,126
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: US 60/190,479
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: US 60/200,545
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: US 60/200,303
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,779
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,999
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: US 60/202,084
; PRIOR FILING DATE: 2000-05-04
; PRIOR APPLICATION NUMBER: US 60/206,201
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: US 60/218,950
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: US 60/222,903
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: US 60/223,416
; PRIOR FILING DATE: 2000-08-04
; PRIOR APPLICATION NUMBER: US 60/223,378
; PRIOR FILING DATE: 2000-08-07
; PRIOR APPLICATION NUMBER: US 09/796,692
; PRIOR FILING DATE: 2001-03-01
; NUMBER OF SEQ ID NOS: 10467
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 5887
; LENGTH: 464
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-040-862-5887

Query Match 6.2%; Score 434.8; DB 6; Length 464;
Best Local Similarity 99.1%; Pred. No. 1.7e-93;
Matches 458; Conservative 0; Mismatches 2; Indels 2; Gaps 2;
Qy 6297 CTGCATCAAAAGGAAATGGCAAAATTTGAACTGGTACCCAGGACCAACCATGAGCGGGC 6356
Db 1 CTGCATCAAAAGGAAATGGCAAAATTTGAACTGGTACCCAGGACCAACCATGAGCGGGC 60
Qy 6357 CAGCGGCTGATGAAGAGGCTCAACAGATGCTATGAGTACACGGAGCTCAAGAAACA 6416
Db 61 CAGCGGCTGATGAAGAGGCTCAACAGATGCTATGAGTACACGGAGCTCAAGAAACA 120
Qy 6417 GATGGCAACCAAAAGATTTGGAGAGAGCAAAATGGAATGATGATGCAATGAGGAC 6476
Db 121 GATGGCAACCAAAAGATTTGGAGAGAGCAAAATGGAATGATGATGCAATGAGGAC 180
Qy 6477 ACTTAAATCTGAGGTGAAGGATGAAATCAGAACCCAGCTTGAAGAAATCTTAATCAGTTTCT 6536
Db 181 ACTTAAATCTGAGGTGAAGGATGAAATCAGAACCCAGCTTGAAGAAATCTTAATCAGTTTCT 240

Qy 6537 TCCAGAACTACCGAGCAGATCTAGAACTATTTTGGAAAGAAACGAAACCTTAGAAGAGA 6596
Db 241 TCCAGAACTACCGAGCAGATCTAGAACTATTTTGGAAAGAAACGAAACCTTAGAAGAGA 300
Qy 6597 ATTGGAAGCTTGAAAGAGAACCTTCCATTTACCATGAATGAGGAGACCTTTTGAAGAAAA 6656
Db 301 ATTGGAAGCTTGAAAGAGAACCTTCCATTTACCATGAATGAGGAGACCTTTTGAAGAAAA 360
Qy 6657 ACTGAACTTTTCCCAAGTTTCACATAATGATGAACACTGCGCTGGAG-AAGCACTCCGGG 6715
Db 361 ACTGAACTTTTCCCAAGTTTCACATAATGATGAACACTGCGCTGGAGAAAGCACTCCGGG 420
Qy 6716 AGAACTGCGTCACCGGAGACCGGACTCAAGGCCCAACTCC 6757
Db 421 AGAACTGCG-CACCGGAGACCGGACTCAAGGCCCAACTTC 461

Search completed: September 1, 2006, 12:48:27
Job time : 7540 secs

GenCore version 5.1.9
Copyright (c) 1993 - 2006 Bioceleration Ltd.

OM nucleic - nucleic search, using sw model

Run on: September 1, 2006, 10:22:21 ; Search time 1225 seconds
(without alignments)
10659.447 Million cell updates/sec

Title: US-10-663-433-1

Perfect score: 6978

Sequence: 1 atgaagaaggctctcaaca.....agaatgcctcagcagatga 6978

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 1403666 seqs, 935554401 residues

Total number of hits satisfying chosen parameters: 2807332

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents NA:*

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2: /EMC_Celerra_SID83/prodata/2/ina/5 COMB.seq.*

3: /EMC_Celerra_SID83/prodata/2/ina/6A COMB.seq.*

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6: /EMC_Celerra_SID83/prodata/2/ina/H COMB.seq.*

7: /EMC_Celerra_SID83/prodata/2/ina/PTUS COMB.seq.*

8: /EMC_Celerra_SID83/prodata/2/ina/PP COMB.seq.*

9: /EMC_Celerra_SID83/prodata/2/ina/RE COMB.seq.*

10: /EMC_Celerra_SID83/prodata/2/ina/backfiles1.seq.*

pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	3013.4	43.2	3881	3	US-09-949-016-3905 Sequence 3905, Ap
2	3008.6	43.1	3893	3	US-09-949-016-908 Sequence 908, App
3	2403.2	34.4	2631	3	US-10-104-047-52 Sequence 52, Appl
4	427.8	6.1	499	3	US-09-854-133-333 Sequence 333, App
5	373.4	5.4	375	2	US-08-743-200-11 Sequence 11, Appl
6	323.4	4.6	442	3	US-09-513-999C-2604 Sequence 2604, Ap
7	318.6	4.6	29574	3	US-09-949-016-12650 Sequence 12650, A
8	318.6	4.6	29574	3	US-09-949-016-15647 Sequence 15647, A
9	315	4.5	315	2	US-08-743-200-1 Sequence 1, Appli
10	314.6	4.5	330	2	US-08-743-200-5 Sequence 5, Appli
11	302.6	4.3	784	4	US-09-237-648-2944 Sequence 2944, Ap
12	300	4.3	300	4	US-09-237-648-1518 Sequence 1518, Ap
13	228	3.3	228	2	US-08-743-200-13 Sequence 13, Appl
14	224.4	3.2	601	3	US-09-949-016-35518 Sequence 35518, A
15	224.4	3.2	601	3	US-09-949-016-138497 Sequence 138497, A
16	193	2.8	601	3	US-09-949-016-35514 Sequence 35514, A
17	193	2.8	601	3	US-09-949-016-138493 Sequence 138493, A
18	146	2.1	146	2	US-08-743-200-7 Sequence 7, Appli
19	141.2	2.0	743	4	US-09-237-648-4538 Sequence 4538, Ap
20	130	1.9	601	3	US-09-949-016-35513 Sequence 35513, A
21	130	1.9	601	3	US-09-949-016-138492 Sequence 138492, A
22	113	1.6	113	2	US-08-743-200-9 Sequence 9, Appli
23	113	1.6	155	3	US-09-513-999C-22227 Sequence 22227, A

ALIGNMENTS

RESULT 1:

US-09-949-016-3905
Sequence 3905, Application US/09949016

Patent No. 6812339

GENERAL INFORMATION:

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

FILE REFERENCE: CL001307

CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT FILING DATE: 2000-04-14

PRIOR APPLICATION NUMBER: 60/241,755

PRIOR FILING DATE: 2000-10-20

PRIOR APPLICATION NUMBER: 60/237,768

PRIOR FILING DATE: 2000-10-03

PRIOR APPLICATION NUMBER: 60/231,498

PRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SOFTWARE: PastSeq for Windows Version 4.0

SEQ ID NO 3905

LENGTH: 3881

TYPE: DNA

ORGANISM: Human

US-09-949-016-3905

Query Match	43.2%;	Score	3013.4;	DB 3;	Length	3881;			
Best Local Similarity	99.9%;	Pred. No.	0;						
Matches	3014;	Conservative	0;	Mismatches	1;	Indels	0;	Gaps	0;
QY	3964	GAGAAATGAGTTTCTAGATTAGAGACATAAATGCAGCATTTAAAAATCAAAAGAGCGGGAA	4023						
Db	443	GAGAAATGAGTTTCTAGATTAGAGACATAAATGCAGCATTTAAAAATCAAAAGAGCGGGAA	502						
QY	4024	GAAAGGTGGATCAGAGACATCCCAAGCGGCGAGTCGGAGAAAGAAATGGAAGAACTGCATCAT	4083						
Db	503	GAAAGGTGGATCAGAGACATCCCAAGCGGCGAGTCGGAGAAAGAAATGGAAGAACTGCATCAT	562						
QY	4084	AATATTGATGATCTTTTTCGAAGAGAGAAAAAGCTTTAGAGTGTGAAGTAGAAGAAATTACAT	4143						
Db	563	AATATTGATGATCTTTTTCGAAGAGAGAAAAAGCTTTAGAGTGTGAAGTAGAAGAAATTACAT	622						
QY	4144	AGCAATGTCCGAAGAAAGCTCAACAGCAAAAGGACTTCATTGTATGGGAAATGTTGAGAGTCTT	4203						
Db	623	AGCAATGTCCGAAGAAAGCTCAACAGCAAAAGGACTTCATTGTATGGGAAATGTTGAGAGTCTT	682						
QY	4204	ATGACTGAACTAGAAATAGAAAAATCACTCAAAACATCATGAAGATATTGTAGATGAATTT	4263						

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683 ATGACTGAACATAGAAATAGAAAATCACTCAACATCATGAAGATATTGTAGATGAATTT 742
QY
4264 GAGTGCAATTGAGAGACTCTTTCTGAACGTCGCTCAGAGCTCAGGAGAGCTGACCGACTC 4323
Db
743 GAGTGCAATTGAGAGACTCTTTCTGAACGTCGCTCAGAGCTCAGGAGAGCTGACCGACTC 802
QY
4324 CTGGCAGAGGCTGAGAGTGAACTTTTCATGCACTTAAGAAAGACAAAAATGCTGTTGAA 4383
Db
803 CTGGCAGAGGCTGAGAGTGAACTTTTCATGCACTTAAGAAAGACAAAAATGCTGTTGAA 862
QY
4384 AAGTTCACTGATGCCAGAGAAAGTTTATTGCAAACTGAGTCAGATGCTGAGGAATTAGAA 4463
Db
863 AAGTTCACTGATGCCAGAGAAAGTTTATTGCAAACTGAGTCAGATGCTGAGGAATTAGAA 922
QY
4444 AGGAGAGCTCAGGAACTGCTGTTAACTCGTCAAACTGATCAGCAGCTAAGATCGCTC 4503
Db
923 AGGAGAGCTCAGGAACTGCTGTTAACTCGTCAAACTGATCAGCAGCTAAGATCGCTC 982
QY
4504 CAGGCTGATGCAAAAGGATTTGGAGCAGCACAAAATCAAGCAAGAGAAATCTTTGAAGAA 4563
Db
983 CAGGCTGATGCAAAAGGATTTGGAGCAGCACAAAATCAAGCAAGAGAAATCTTTGAAGAA 1042
QY
4564 ATAAACAAAATTGTAGCAGCAAAAAGACTCAGACTTCCAATGTTTAAAGCAAGAAAGGAA 4623
Db
1043 ATAAACAAAATTGTAGCAGCAAAAAGACTCAGACTTCCAATGTTTAAAGCAAGAAAGGAA 1102
QY
4624 AAATCTCAGAGAGCTTCAGAAAATCAGAAAGACATAGAGATGGCAGAACGCAATGAG 4683
Db
1103 AAATCTCAGAGAGCTTCAGAAAATCAGAAAGACATAGAGATGGCAGAACGCAATGAG 1162
QY
4684 GATCACCACCTGAGGTCCTTTAAAGAACTCAGAGTGTCTTTTCAGGGCCAAAAGAGCCGAG 4743
Db
1163 GATCACCACCTGAGGTCCTTTAAAGAACTCAGAGTGTCTTTTCAGGGCCAAAAGAGCCGAG 1222
QY
4744 CTGGAAGAGCTGAAAAGCAGGTGACAGTCAAGTCAGCAGCAGAGAGTGGCTGCTTGGACAGG 4803
Db
1223 CTGGAAGAGCTGAAAAGCAGGTGACAGTCAAGTCAGCAGCAGAGAGTGGCTGCTTGGACAGG 1282
QY
4804 CAGTTAGGGCATAAAAAGGAGGAGCTGCATCTACTCAAGGAAGCATGGTCCAGGCAAAA 4863
Db
1283 CAGTTAGGGCATAAAAAGGAGGAGCTGCATCTACTCAAGGAAGCATGGTCCAGGCAAAA 1342
QY
4864 GCTGACCTCAGGAAGCTCTGAGACTGGGAGAGACTGAAGTAACTGAGAGTGCATCAC 4923
Db
1343 GCTGACCTCAGGAAGCTCTGAGACTGGGAGAGACTGAAGTAACTGAGAGTGCATCAC 1402
QY
4924 ATTAGGGAAGTAAATCTCTTCTGGAAGACTGAGTGTTCAGAAAGGAGAACTAAATGTT 4983
Db
1403 ATTAGGGAAGTAAATCTCTTCTGGAAGACTGAGTGTTCAGAAAGGAGAACTAAATGTT 1462
QY
4984 CAGATTAGTGAAGAAAACCTCAACTTACACTTATAAGCAGGAAATTTGAAAAGAGGAA 5043
Db
1463 CAGATTAGTGAAGAAAACCTCAACTTACACTTATAAGCAGGAAATTTGAAAAGAGGAA 1522
QY
5044 GAAAATCTTCAGGTTGTTTAAAGCAGATGCTTAAACATATAAACCCGAACTAAAGAAATTT 5103
Db
1523 GAAAATCTTCAGGTTGTTTAAAGCAGATGCTTAAACATATAAACCCGAACTAAAGAAATTT 1582
QY
5104 CTGACATGTTGCAACTTGAAGACCATGAGCTCAAGGTTTGAAGCTTACAACTGACCAA 5163
Db
1583 CTGACATGTTGCAACTTGAAGACCATGAGCTCAAGGTTTGAAGCTTACAACTGACCAA 1642
QY
5164 AGGATATCTGAATTAGAGAAAGACTCAGGTGGCAGTGTAGAGGAGAAACTGGAGTTAGAG 5223
Db
1643 AGGATATCTGAATTAGAGAAAGACTCAGGTGGCAGTGTAGAGGAGAAACTGGAGTTAGAG 1702
QY
5224 AATTTGACGAGATATCCAGCAGCAGAAAGGGGAAATAGAGTGGCAGAGAGCAGCTCCTT 5283
Db
1703 AATTTGACGAGATATCCAGCAGCAGAAAGGGGAAATAGAGTGGCAGAGAGCAGCTCCTT 1762
QY
5284 GAGAGGATTAACAGAAATAGAACGAATGACTGCTCAGTCCCGAGCTTTTACAATCGTGT 5343
Db
|||||

1763 GAGAGGGATAAACGAGAAATAGAACGATGACTGCTGAGTCCCGAGCTTTACAATCGTGT 1822
QY
5344 GTTGAGTGTGAGCAAGAAAAGGAAGATCTCCAAGAGAAATGTGACATTTGGGAAAAAA 5403
Db
1823 GTTGAGTGTGAGCAAGAAAAGGAAGATCTCCAAGAGAAATGTGACATTTGGGAAAAAA 1882
QY
5404 AAGTTGGCAAAACCAAGAGGTTTGTAGCAGCAGCAGAGAAATAGCAAAATGGAGCAA 5463
Db
1883 AAGTTGGCAAAACCAAGAGGTTTGTAGCAGCAGCAGAGAAATAGCAAAATGGAGCAA 1942
QY
5464 TCAAACTTAGAAAAGTTGGAATTTGAAATGTGAGCAAACTGAGCAAGAACTAGACCACTA 5523
Db
1943 TCAAACTTAGAAAAGTTGGAATTTGAAATGTGAGCAAACTGAGCAAGAACTAGACCACTA 2002
QY
5524 AACAGAGACAAAGTTGTCTACATGCAATACGACATTTTCAAGCAATGCAACAGAGCTCCAAGAA 5583
Db
2003 AACAGAGACAAAGTTGTCTACATGCAATACGACATTTTCAAGCAATGCAACAGAGCTCCAAGAA 2062
QY
5584 AAACGAGAGAGCAGTAAACTCAGTGCAGGAGGAACTAGCTAATGTCCAAGACCACTTTGAAC 5643
Db
2063 AAACGAGAGAGCAGTAAACTCAGTGCAGGAGGAACTAGCTAATGTCCAAGACCACTTTGAAC 2122
QY
5644 CTAGCAAAACAGGACCTGCTTCAACACACAGCATCAGGATGTGTTGCTCAGTGAGCAG 5703
Db
2123 CTAGCAAAACAGGACCTGCTTCAACACACAGCATCAGGATGTGTTGCTCAGTGAGCAG 2182
QY
5704 ACCGACTCCAGAAAGACATCAGTGAATGGGCAATAGGTTTGAAGACTCTCAGAAAGAA 5763
Db
2183 ACCGACTCCAGAAAGACATCAGTGAATGGGCAATAGGTTTGAAGACTCTCAGAAAGAA 2242
QY
5764 GAGGAGCAAAAACAAACAACTTCAAGTGTCTCAGAAATGAGATTTGAAGAAAAACAAGCTC 5823
Db
2243 GAGGAGCAAAAACAAACAACTTCAAGTGTCTCAGAAATGAGATTTGAAGAAAAACAAGCTC 2302
QY
5824 AAATCTAGTCCAAACAGAAATGATGTTTTCAGAGACTCCAGAAAGAGAGAAAGTGAAGAA 5883
Db
2303 AAATCTAGTCCAAACAGAAATGATGTTTTCAGAGACTCCAGAAAGAGAGAAAGTGAAGAA 2362
QY
5884 AGCAAAATTAGAAACCAAGTAAAGTGACACTGAAAGGACCAACAGCAGCTGGAAAGAGAA 5943
Db
2363 AGCAAAATTAGAAACCAAGTAAAGTGACACTGAAAGGACCAACAGCAGCTGGAAAGAGAA 2422
QY
5944 TTAACAGACCAAGAAAAGCAAACTGGACCAAGTGTCTCAAAGGTGCTGGCAGCTGAAGAG 6003
Db
2423 TTAACAGACCAAGAAAAGCAAACTGGACCAAGTGTCTCAAAGGTGCTGGCAGCTGAAGAG 2482
QY
6004 CGTGTTAGGACTCTGACGAGAGAGAGAGTGTGTGAGAGCTTGGAGAGACACTCTCC 6063
Db
2483 CGTGTTAGGACTCTGACGAGAGAGAGAGTGTGTGAGAGCTTGGAGAGACACTCTCC 2542
QY
6064 CAAACTAAACCGCAGCTTTTCAGAAAGGGAGCAGCAATTTGGTGAGAAATCAGGTGAGCTG 6123
Db
2543 CAAACTAAACCGCAGCTTTTCAGAAAGGGAGCAGCAATTTGGTGAGAAATCAGGTGAGCTG 2602
QY
6124 TTGGCCCTCCAGAAAGAGGAGAGATTTCTATGAGGGCAGACTTTCAGCCCTTCTCGCGAACCCAG 6183
Db
2603 TTGGCCCTCCAGAAAGAGGAGAGATTTCTATGAGGGCAGACTTTCAGCCCTTCTCGCGAACCCAG 2662
QY
6184 TTCTTGACAGAAAGAAAGAAAGCTGAGAGAGAGGTCGAGCTTGAAGGAAGCACTTAAG 6243
Db
2663 TTCTTGACAGAAAGAAAGAAAGCTGAGAGAGAGGTCGAGCTTGAAGGAAGCACTTAAG 2722
QY
6244 ATCCAGCGGAGCCAGCTGGAGAAAACCTTCTTGAGCAAAAACAGGAGACAGCTGCATA 6303
Db
2723 ATCCAGCGGAGCCAGCTGGAGAAAACCTTCTTGAGCAAAAACAGGAGACAGCTGCATA 2782
QY
6304 CAAAAGAAATGCAACAAATTTGAATGAGTGGTCCAGGACCACTGAGCGGGCCAGCGC 6363
Db
2783 CAAAAGAAATGCAACAAATTTGAATGAGTGGTCCAGGACCACTGAGCGGGCCAGCGC 2842
QY
6364 CTGATGAAGGAGCTCAACCAAGATGCAATGATGATACCGAGCTCAAGAAACAGATGGCA 6423
Db
2843 CTGATGAAGGAGCTCAACCAAGATGCAATGATGATACCGAGCTCAAGAAACAGATGGCA 2902
QY
|||||

[illegible]

```

RESULT 3
US-10-104-047-52
; Sequence 52, Application US/10104047
; Patent No. 6943241
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: NO. 6943241el full length cDNA
; FILE REFERENCE: H1-A0105
; . CURRENT APPLICATION NUMBER: US/10/104,047
; . CURRENT FILING DATE: 2002-03-25
; . PRIOR APPLICATION NUMBER:
; . PRIOR FILING DATE:
; . NUMBER OF SEQ ID NOS: 4096
; . SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 52
; LENGTH: 2631

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; TYPE: DNA									
; ORGANISM: Homo sapiens									
US-10-104-047-52									
Query Match 34.4%; Score 2403.2; DB 3; Length 2631;									
Best Local Similarity 98.5%; Pred. No. 0;									
Matches 2446; Conservative 0; Mismatches 8; Indels 28; Gaps 1;									
Qy	1649	ATTCCCATATGAAGCTCAAAGAGCGGTAAAGAACAAACAGCTTGACATTTATGAACAAGC	1708						
Db	150	AGTCCCATATGAAGCTCAAAGAGCGGTAAAGAACAAACAGCTTGACATTTATGAACAAGC	209						
Qy	1709	AGTACCAACAACCTTGAAAGTCGTTTGGATGAGATACCTTTCTAGAAATTCCTTAAGGAACGG	1768						
Db	210	AGTACCAACAACCTTGAAAGTCGTTTGGAGGAGATACCTTTCTAGAAATTCCTTAAGGAACGG	269						
Qy	1769	AAGAGATTAAAGCCTTGAAGACAGAGCTTACTGAAGGCCAGATAGCAGCAATCAAGCCC	1828						
Db	270	AAGAGATTAAAGCCTTGAAGACAGAGCTTACTGAAGGCCAGATAGCAGCAATCAAGCCC	329						
Qy	1829	TGAAGAAGGATTAGAAGGCTTTACTCAGTCGGTTTCAAGAAATACCTGGGACCACTTAAG	1888						
Db	330	TGAAGAAGGATTAGAAGGCTTTACTCAGTCGGTTTCAAGAAATACCTGGGACCACTTAAG	389						
Qy	1889	GCCAGGCAACTCAGGCCCAAGATCAGTGCAGAAAGCTGCGGGATGAGAAAGAGACATGT	1948						
Db	390	GCCAGGCAACTCAGGCCCAAGATCAGTGCAGAAAGCTGCGGGATGAGAAAGAGACATGT	449						
Qy	1949	TGCAGAGATTGCACAGAAGTCGAGCAGGAGAGAGACCGAGCTGGAAATAGTTGCCATGGATG	2008						
Db	450	TGCAGAGATTGCACAGAAGTCGAGCAGGAGAGAGACCGAGCTGGAAATAGTTGCCATGGATG	509						
Qy	2009	CAGAAAAATATGAGGAAGGAGCTTGCACAGCTTGAAGAGTGCCTCCAGAGCAGCATGAGG	2068						
Db	510	CAGAAAAATATGAGGAAGGAGCTTGCAGAGCTTGAAGAGTGCCTCCAGAGCAGCATGAGG	569						
Qy	2069	TGAATGCATCTTTGCAGCAGACCCAGGGAGATCTCAGTGCCTATGAAGCTGAGCTAGAGG	629						
Db	570	TGAATGCATCTTTGCAGCAGACCCAGGGAGATCTCAGTGCCTATGAAGCTGAGCTAGAGG	679						
Qy	2129	CTCGGCTTAACCTTAAGGGATGCTGAAGCCACAGCTTCAGGAGAGAGTTGGAAAAAGTAA	2188						
Db	630	CTCGGCTTAACCTTAAGGGATGCTGAAGCCACAGCTTCAGGAGAGAGTTGGAAAAAGTAA	689						
Qy	2189	CAAGACTTACCAGTTAGAACAATCAGCCCTTCAAGCAGAACTTGAGAAGGAAGGCAAG	2248						
Db	690	CAAGACTTACCAGTTAGAACAATCAGCCCTTCAAGCAGAACTTGAGAAGGAAGGCAAG	749						
Qy	2249	CCCTCAAGAATGCCCTTTGGAAAAAGCCAGTTTCTCAGAAGAAAAAGGACCAAGCAAGTG	2308						
Db	750	CCCTCAAGAATGCCCTTTGGAAAAAGCCAGTTTCTCAGAAGAAAAAGGACCAAGCAAGTG	809						
Qy	2309	AGCTCCATGMAAACTTAAACACTTCAGAGATGACATATCTGTTTAAACAGCAACTTA	2368						
Db	810	AGCTCCATGMAAACTTAAACACTTCAGAGATGACATATCTGTTTAAACAGCAACTTA	869						
Qy	2369	AAGATTTCCAGAATCACTTAACCATGTGTTTGATGTTTGGTTTCGTCAGAAAGAGTGG	2428						
Db	870	AAGATTTCCAGAATCACTTAACCATGTGTTTGATGTTTGGTTTCGTCAGAAAGAGTGG	929						
Qy	2429	CAGCTCGTGGATGAGCTAAGAGAAAACTGAAATTTAGGAATTCGGGAAATGAACATCC	2488						
Db	930	CAGCTCGTGGATGAGCTAAGAGAAAACTGAAATTTAGGAATTCGGGAAATGAACATCC	989						
Qy	2489	ATAGTCCCTCAGATGCTTATGGGAAAAAGTCTTGCTGATTTTACAGAAACAATTCAGTGAAA	2548						
Db	990	ATAGTCCCTCAGATGCTTATGGGAAAAAGTCTTGCTGATTTTACAGAAACAATTCAGTGAAA	1049						
Qy	2549	TTCTTGCACGCTCCAAGTGGGAAAGAGATGAAGCACAAGTTTAGAGAGAGAAAACTCCAAG	2608						
Db	1050	TTCTTGCACGCTCCAAGTGGGAAAGAGATGAAGCACAAGTTTAGAGAGAGAAAACTCCAAG	1109						
Qy	2609	AAGAAATGGCTTCGCAGCAAGAGAAAACTGGCAACTGGAACAAGAGAGTTTCAGGCAGGCT	2668						

Db	2190	GGAGGAGATAGTTCAGGAAGAGAGTGAGCTGGATGACCAAGAGAACCCCATTTGTGCCT	2249
Qy	3721	CTCCTCGGATACATGATGTACTGCTTCCTCGATGGTTCTCCTGTACCCCAAGGCATG	3780
Db	2250	CCTCCTGGATACATGATGTACTGCTTCCTCGATGGTTCTCCTGTACCCCAAGGCATG	2309
Qy	3781	GCCTGTATGCACCAACCTCCTCTTCCAAACAAATAGCGACCTCTCAACCCCTGGCACT	3840
Db	2310	ACCTGTATGCACCAACCTCCTCTTCCAAACAAATAGCGACCTCTCAACCCCTGGCACT	2369
Qy	3841	GTGTGTTATGGCCCCACCTCCTGCTGGGGCCCCCATGGTGTATGGCCCTCCAACCCCCCAAC	3900
Db	2370	GTGTGTTATGGCCCCACCTCCTGCTGGGGCCCCCATGGTGTATGGCCCTCCAACCCCCCAAC	2429
Qy	3901	TTCTCCATCCCTTCATCCCTATGGGTGTGCTGCAATGCAACGTCCTCTGAACACCATAAAC	3960
Db	2430	TTCTCCATCCCTTCATCCCTATGGGTGTGCTGCAATGCAACGTCCTCTGAACACCATAAAC	2489
Qy	3961	TTAGAGAAATCAAGTTCCTAGATTAGAGACATAATGCAGCATTTAAATCAAAGAAGCGG	4020
Db	2490	TTAGAGAAATCAAGTTCCTAGATTAGAGACATAATGCAGCATTTAAATCAAAGAAGCGG	2549
Qy	4021	GAAGAAAGGTGGATGAGAGCATCCAAGCGGCGAGTCGGAGAGAAATAATGGAAGAACTGCAT	4080
Db	2550	GAAGAAAGGTGGATGAGAGCATCCAAGCGGCGAGTCGGAGAGAAATAATGGAAGAACTGCAT	2609
Qy	4081	CATAATATTGATGATCTTTTGC	4102
Db	2610	CATAATATTGATGATCTTTTGC	2631
RESULT 4			
US-09-854-133-333			
; Sequence 333, Application US/09854133			
; Patent No. 6759508			
; GENERAL INFORMATION:			
; APPLICANT: Lodes, Michael J.			
; APPLICANT: Mohamath, Raodoh			
; APPLICANT: Henderson, Robert A.			
; APPLICANT: Benson, Darin R.			
; APPLICANT: Secrist, Heather			
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR			
; TITLE OF INVENTION: THE THERAPY AND DIAGNOSIS OF LUNG CANCER			
; FILE REFERENCE: 210121.475C10			
; CURRENT APPLICATION NUMBER: US/09/854,133			
; CURRENT FILING DATE: 2001-05-11			
; NUMBER OF SEQ ID NOS: 735			
; SOFTWARE: Fast-SEQ for Windows Version 3.0			
; SEQ ID NO 433			
; LENGTH: 499			
; TYPE: DNA			
; ORGANISM: Homo sapien			
US-09-854-133-333			

Qy	241	AGATATATATTACAGAGGCCCTCACTTAAATAAACTTACTATAAACAAGGATAAATTTGGCTTTGATA	300
Db	309	AGATATATATTACAGAGGCCCTCACTTAAATAAACTTACTATAAACAAGGATAAATTTGGCTTTGATA	368
Qy	301	AAATCTCTGAAACCTTTTCACCTTTCTTAAAGACGGTGGCAAGAAATTTAAAGTATATTGAGAAAT	360
Db	369	AAATCTCTGAAACCTTTTCACCTTTCTTAAAGACGGTGGCAAGAAATTTAAAGTATATTGAGAAAT	428
Qy	361	TTGGAAAAATGTGTGTAAACTTGAAGTACTGAATCTCAGCTATATAATCTAAATAGGGAAGATT	420
Db	429	TTGGAAAAATGTGTGTAAACTTGAAGTACTGAATCTCAGCTATATAATCTAAATAGGGAAGATT	488
Qy	421	GAAGAAAGTTGGA	431
Db	489	GAAGAAAGTTGGA	499
RESULT 5			
US-08-743-200-11			
; Sequence 11, Application US/08743200			
; Patent No. 5661260			
; GENERAL INFORMATION:			
; APPLICANT: Doxsey, Stephen J.			
; TITLE OF INVENTION: DIAGNOSTIC METHODS FOR SCREENING			
; TITLE OF INVENTION: PATIENTS FOR SCLERODERMA			
; NUMBER OF SEQUENCES: 36			
; CORRESPONDENCE ADDRESS:			
; ADDRESSEE: Fish & Richardson P.C.			
; STREET: 225 Franklin Street			
; CITY: Boston			
; STATE: MA			
; COUNTRY: US			
; ZIP: 02110-2804			
; COMPUTER READABLE FORM:			
; MEDIUM TYPE: Diskette			
; COMPUTER: IBM Compatible			
; OPERATING SYSTEM: DOS			
; SOFTWARE: FastSeq Version 2.0			
; CURRENT APPLICATION DATA:			
; APPLICATION NUMBER: US/08/743,200			
; FILING DATE: 05-NOV-1996			
; PRIOR APPLICATION DATA:			
; APPLICATION NUMBER:			
; FILING DATE:			
; ATTORNEY/AGENT INFORMATION:			
; NAME: Fasse, J. Peter			
; REGISTRATION NUMBER: 32,983			
; REFERENCE/DOCKET NUMBER: 07917/025001			
; TELECOMMUNICATION INFORMATION:			
; TELEPHONE: 617-542-5070			
; TELEFAX: 617-542-8906			
; INFORMATION FOR SEQ ID NO: 11:			
; SEQUENCE CHARACTERISTICS:			
; LENGTH: 375 base pairs			
; TYPE: nucleic acid			
; STRANDEDNESS: single			
; TOPOLOGY: linear			
; MOLECULE TYPE: cDNA			
; FEATURE:			
; NAME/KEY: Coding Sequence			
; LOCATION: 2...373			
US-08-743-200-11			

	Query Match	5.4%	Score 373.4	DB 2	Length 375
	Best Local Similarity	99.7%	Pred. NO. 1.9e-80		
	Matches 374	Conservative	0	Mismatches 1	Indels 0
					Gaps 0
Qy	2043	AAAGTGCCTCCAAAGACAGCATGAGTGAATGATCTTTTGACAGACAGCCAGGAGATCT	2102		
Db	1	AAAGTGCCTCCAAAGACAGCATGAGTGAATGATCTTTTGACAGACAGCCAGGAGATCT	60		
Qy	2103	CAGTGCCTATGAAGCTGAGCTAGAGGCTCGGCTTAAACCTAAGGGATGCTGAAGCCAAACCA	2162		

Db 61 CAGTGCCTATGAAGCTAGAGCTCGCTGCTAAACCTTAGGGATGCTGAAGCCACCA 120
Qy 2163 GCTCAAGAAAGAGTTGAAAAAGTAAACAGACTTACCCAGTTAGAACAAATCAGCCCTTCA 2222
Db 121 GCTCAAGAAAGTTGAAAAAGTAAACAGACTTACCCAGTTAGAACAAATCAGCCCTTCA 180
Qy 2223 AGCAGAACTTGAAGGAAAGGCAAGCCCTCAAGAAATGCCCTTGGAAAAAGCCCAAGTTCTC 2282
Db 181 AGCAGAACTTGAAGGAAAGGCAAGCCCTCAAGAAATGCCCTTGGAAAAAGCCCAAGTTCTC 240
Qy 2283 AGAAGAAAGAGGCAAGAAACAGTGAAGCTCCATGCAAAACCTTAAACACTTGCAGGATGA 2342
Db 241 AGAAGAAAGAGGCAAGAAACAGTGAAGCTCCATGCAAAACCTTAAACACTTGCAGGATGA 300
Qy 2343 CAATAATCTGTAAACAGCAACTTAAAGATTTCCAGAAATCAACCTTAAACCAATGGTTGA 2402
Db 301 CAATAATCTGTAAACAGCAACTTAAAGATTTCCAGAAATCAACCTTAAACCAATGGTTGA 360
Qy 2403 TGGTTTGGTTGGTCC 2417
Db 361 TGGTTTGGTTGGTCC 375

RESULT 6

US-09-513-999C-2604
; Sequence 2604, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; FILE REFERENCE: 59. US2.REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 2604
; LENGTH: 442
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 126..440
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 32
; OTHER INFORMATION: k=g or t
US-09-513-999C-2604

Query Match 4.6%; Score 323.4; DB 3; Length 442;
Best Local Similarity 99.7%; Pred. No. 2.7e-66;
Matches 324; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1649 ATTCCTATGAAGGCTCAAAAGAGCGGTAAAGAACACACAGCTTGCATTATGAACAAGC 1708
Db 118 AGTCCATATGAAGGCTCAAAAGAGCGGTAAAGAACACACAGCTTGCATTATGAACAAGC 177
Qy 1709 AGTACCACAACTTGAAGTGGTTGGATGAGACTTTCTAGAAATTCCTAAGGAACGG 1768
Db 178 AGTACCACAACTTGAAGTGGTTGGATGAGACTTTCTAGAAATTCCTAAGGAACGG 237
Qy 1769 AAGAGATTAAGGACTTGAAGACAGCTTACTGAGCCAGATAGCAATCAAGCCC 1828
Db 238 AAGAGATTAAGGACTTGAAGACAGCTTACTGAGCCAGATAGCAATCAAGCCC 297
Qy 1829 TGAAGAGGATTTAGAGGCTTTATCAGTGGTTGCAAGATACCTGGGGACCAATTAAAG 1888
Db 298 TGAAGAGGATTTAGAGGCTTTATCAGTGGTTGCAAGATACCTGGGGACCAATTAAAG 357

Qy 1889 GCCAGGCAACTCAGGCCAGAAATGAGTGCAGGAAGCTGCCGGATGAGAAAAAGACATTGT 1948
Db 358 GCCAGGCAACTCAGGCCAGAAATGAGTGCAGGAAGCTGCCGGATGAGAAAAAGACATTGT 417
Qy 1949 TGCAGAGATTGACAGAAAGTCGAGCA 1973
Db 418 TGCAGAGATTGACAGAAAGTCGAGCA 442

RESULT 7

US-09-949-016-12650
; Sequence 12650, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12650
; LENGTH: 29574
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-12650

Query Match 4.6%; Score 318.6; DB 3; Length 29574;
Best Local Similarity 98.8%; Pred. No. 3e-66;
Matches 321; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy 3648 AGATGCAGACAGTGGAGGAGATAGTCAAGGAGAGAGTGAAGTGCATGCCAGGAGAAC 3707
Db 126 AGATGCAGACAGTGGAGGAGATAGTCAAGGAGAGAGTGAAGTGCATGCCAGGAGAAC 185
Qy 3708 CCATTTGCTCCTCCTCGATACATGATGATGCTTCTCTGATGTTCTCTGT 3767
Db 186 CCATTTGCTCCTCCTCGATACATGATGATGCTTCTCTGATGTTCTCTGT 245
Qy 3768 ACCCAGGCGATGGCCCTGTATGCACCACCTCCTCCTTGCACAAACATAGCCGACCTCT 3827
Db 246 ACCCAGGCGATGGCCCTGTATGCACCACCTCCTCCTTGCACAAACATAGCCGACCTCT 305
Qy 3828 CACCCCTGGCACTGTTGTTTATGGCCCACTCCTGCTGGGGCCCCCATGGTGTATGGGCC 3887
Db 306 CACCCCTGGCACTGTTGTTTATGGCCCACTCCTGCTGGGGCCCCCATGGTGTATGGGCC 365
Qy 3888 TCACACCCCACTTCTCCATCCCTTTCATCCCTATGGTGTGCTGCAATGCAAGCTCCC 3947
Db 366 TCACACCCCACTTCTCCATCCCTTTCATCCCTATGGTGTGCTGCAATGCAAGCTCCC 425
Qy 3948 TGAACACCAATAACTTAGAGAAATGAA 3972
Db 426 TGAACACCAATAACTTAGAGAAATGAA 450

RESULT 8

US-09-949-016-15647
; Sequence 15647, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307

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; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15647
; LENGTH: 29574
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-15647

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Query Match	4.6%	Score 318.6;	DB 3;	Length 29574;
Best Local Similarity	98.8%;	Pred. No. 3e-66;		
Matches 321;	Conservative 0;	Mismatches 4;	Indels 0;	Gaps 0;
3648	AGATGACAGAGTGGAGGAGATAGTCAGGAAGAGAGTGAGCTGATGACCAAGAAGAAC	3707		
126	AGATGACAGAGTGGAGGAGATAGTCAGGAAGAGAGTGAGCTGATGACCAAGAAGAAC	185		
3708	CCCATTTGTGCCCTCCTCGATACATGATGTATCTGTGCTTCTCCTGATGGTTCTCCTGT	3767		
186	CCCATTTGTGCCCTCCTCGATACATGATGTATCTGTGCTTCTCCTGATGGTTCTCCTGT	245		
3768	ACCCACGGGCGATGGCCCTGTATGCAACCTCTCCCTTCCGCCAAAACATAGCCGACCTCT	3827		
246	ACCCACGGGCGATGGCCCTGTATGCAACCTCTCCCTTCCGCCAAAACATAGCCGACCTCT	305		
3828	CACCCCTGGCACTGTGTTTATGGCCACACTCTGCTGGGGCCCCCATGTGTATGGGCC	3887		
306	CACCCCTGGCACTGTGTTTATGGCCACACTCTGCTGGGGCCCCCATGTGTATGGGCC	365		
3888	TCACACCCCCAACTTCTCCATCCCTTTCATCCCTATGGGTGTGTGTCATTTGCCAACGTCCC	3947		
366	TCACACCCCCAACTTCTCCATCCCTTTCATCCCTATGGGTGTGTGTCATTTGCCAACGTCCC	425		
3948	TGAACACCATTAACCTTAGAGAAATGAA	3972		
426	TGAACACCATTAACCTTAGTAAGTGA	450		

RESULT 9

US-08-743-200-1
; Sequence 1, Application US/08743200
; Patent No. 5861260

GENERAL INFORMATION: Stephen J.
APPLICANT: Doxsey,
TITLE OF INVENTION: DIAGNOSTIC METHODS FOR SCREENING
TITLE OF INVENTION: PATIENTS FOR SCLERODERMA
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA

```

/ COUNTRY: US
/ ZIP: 02110-2804
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: DOS
/ SOFTWARE: FastSEQ Version 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/743,2000
/

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NAME: Fasse, J. Peter
REGISTRATION NUMBER: 32,983
REFERENCE/DOCKET NUMBER: 07917/025001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-542-5070
TELEFAX: 617-542-8906
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 315 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: Coding Sequence
LOCATION: 1...315
US-08-743-200-1*

Query Match	4.5%;	Score 315;	DB 2;	Length 315;
Best Local Similarity	100.0%;	Pred. No. 2.5e-66;		
Matches 315;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
QY	775	GATAGACGAGGCGCTTTTCAGAGAGATTCAGTTTAAAGAGAGGTAGAAAAGACTGGAAAGAGAC	834	
DB	1	GATAGACGAGGCGCTTTTCAGAGATTCAGTTTAAAGAGGTAGAAAAGACTGGAAAGAGAC	60	
QY	835	CTAGAAAAAAGATGATGAAACTGAAGAGCTTAAAGAGCAAAACAAACAAAGTTCCTTGAG	894	
DB	61	CTAGAAAAAAGATGATGAAACTGAAGAGCTTAAAGAGCAAAACAAACAAAGTTCCTTGAG	120	
QY	895	GAAATTTAAAAATCAAGATTAATTTGAATTAATCATTTAAAGAGGAGGCCATGTTTACAGAAA	954	
DB	121	GAAATTTAAAAATCAAGATTAATTTGAATTAATCATTTAAAGAGGAGGCCATGTTTACAGAAA	180	
QY	955	CAGAGCTGTGAGGAACCTCAAGAGTGACTTTAAACACAAAAAATGAAATGCTTAAAAACAGAAG	1014	
DB	181	CAGAGCTGTGAGGAACCTCAAGAGTGACTTTAAACACAAAAAATGAAATGCTTAAAAACAGAAG	240	
QY	1015	ACCATAGAAATTAACACGAGCATGTTCAGAGCAATATGAGCTGGAAACAGGAAATTTGGCCCTTT	1074	
DB	241	ACCATAGAAATTAACACGAGCATGTTCAGAGCAATATGAGCTGGAAACAGGAAATTTGGCCCTTT	300	
QY	1075	TATAAAAATTGATGCT	1089	
DB	301	TATAAAAATTGATGCT	315	

RESULT 10

US-08-743-200-5

; Sequence 5, Application US/06/43200
 ; Patent No. 5861260

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; GENERAL INFORMATION:
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; APPLICANT: Doxsey, Stephen J.
;
; TITLE OF INVENTION: DIAGNOSTIC METHODS FOR SCREENING
;
; TITLE OF INVENTION: PATIENTS FOR SCLERODERMA
;
; NUMBER OF SEQUENCES: 36
;
; CORRESPONDENCE ADDRESS:
;

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ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA

/ COUNTRY: US
 / ZIP: 02110-2804
 / COMPUTER READABLE FORM:
 / MEDIUM TYPE: Diskette
 / COMPUTER: IBM Compatible
 / OPERATING SYSTEM: DOS
 / SOFTWARE: FastSEQ Version 2.0
 / CURRENT APPLICATION DATA:
 / APPLICATION NUMBER: US/08/743,200
 / FILING DATE: 05-NOV-1996
 / PRIOR APPLICATION DATA:
 / APPLICATION NUMBER:

Db 592 AGCCAGGTGGCCANCCCTTANGAGCNACTTTTATCCANGGAAACGCTTGAGANA 651
Qy 6268 AACCTTCTTGAGCAAAAACAGAGAACAGCTGCATACAAAAGGAAATGGCAA 6319
Db 652 AAACCNCTTTTGACCCAAAACGNGAGAACAGCTGGCTACCAAGGGAAA 703

RESULT 12
US-09-297-648-1518
; Sequence 1518, Application US/09297648
; Patent No. 6964868
; GENERAL INFORMATION:
; APPLICANT: Williams, Lewis T.
; APPLICANT: Escobedo, Jaime A.
; APPLICANT: Innis, Michael A.
; APPLICANT: Garcia, Pablo Dominguez
; APPLICANT: Sudduth-Klinger, Julie
; APPLICANT: Reinhard, Christoph
; APPLICANT: Giese, Klaus
; APPLICANT: Randazzo, Filippo
; APPLICANT: Kennedy, Giulia C.
; APPLICANT: Pot, David
; APPLICANT: Kassan, Altaf
; APPLICANT: Lamson, George
; APPLICANT: Drmanac, Radoje
; APPLICANT: Crkvenjakov, Radomir
; APPLICANT: Dickson, Mark
; APPLICANT: Drmanac, Snezana
; APPLICANT: Labat, Ivan
; APPLICANT: Leshkowitz, Dena
; APPLICANT: Kita, David
; APPLICANT: Garcia, Veronica
; APPLICANT: Jones, William Lee
; APPLICANT: Stache-Crain, Birjit
; TITLE OF INVENTION: No. 6964868el Human Genes and Gene Expression
; FILE REFERENCE: 2300-1481
; CURRENT APPLICATION NUMBER: US/09/297,648
; CURRENT FILING DATE: 2000-03-10
; PRIOR APPLICATION NUMBER: 60/072,910
; PRIOR FILING DATE: 1998-01-28
; PRIOR APPLICATION NUMBER: 60/075,954
; PRIOR FILING DATE: 1998-02-24
; PRIOR APPLICATION NUMBER: 60/080,666
; PRIOR FILING DATE: 1998-04-03
; PRIOR APPLICATION NUMBER: 60/080,515
; PRIOR FILING DATE: 1998-04-03
; PRIOR APPLICATION NUMBER: 60/080,114
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/105,234
; PRIOR FILING DATE: 1998-10-21
; NUMBER OF SEQ ID NOS: 5252
; SOFTWARE: Fast-Seq for Windows Version 4.0
; SEQ ID NO 1518
; LENGTH: 300
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-297-648-1518

Query Match 4.3%; Score 300; DB 4; Length 300;
Best Local Similarity 100.0%; Pred. No. 1.1e-62;
Matches 300; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5686 GTGTGTCTCAGTGAGCAGACCCGACTCCAGAGGAGCATCAGTGAATGGGCAAAATAGGTTT 5745
Db 1 GTGTGTCTCAGTGAGCAGACCCGACTCCAGAGGAGCATCAGTGAATGGGCAAAATAGGTTT 60

Qy 5746 GAAGACTGTCAGAAAGAGAGAGACAAAACAACTTCAAGTCTTCAGAAATGAG 5805
Db 61 GAAGACTGTCAGAAAGAGAGAGACAAAACAACTTCAAGTCTTCAGAAATGAG 120
Qy 5806 ATTGAGAGAAACAGCTCAAACTAGTCCAAACAGAAATGATGTTTCAGAGACTCCAGAA 5865

Db 121 ATTGAAGAAAACAAGCTCAAACTAGTCCAAACAGAAATGATGTTTCAGAGACTCCAGAAA 180
Qy 5866 GAGAGAGAAAGTGAAGAAACAAATTTAGAAACCAAGTAAAGTGACACTGAAGAGCAACAG 5925
Db 181 GAGAGAGAAAGTGAAGAAACAAATTTAGAAACCAAGTAAAGTGACACTGAAGAGCAACAG 240
Qy 5926 CACAGCTGGAAAAGGAATTAACAGACCAAGCAAACTGGACCAAGTCTCTCAAAG 5985
Db 241 CACAGCTGGAAAAGGAATTAACAGACCAAGCAAACTGGACCAAGTCTCTCAAAG 300

RESULT 13
US-08-743-200-13
; Sequence 13, Application US/08743200
; Patent No. 5861260
; GENERAL INFORMATION:
; APPLICANT: Dosey, Stephen J.
; TITLE OF INVENTION: DIAGNOSTIC METHODS FOR SCREENING
; TITLE OF INVENTION: PATIENTS FOR SCLERODERMA
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA: US/08/743,200
; APPLICATION NUMBER: 07917/025001
; FILING DATE: 05-NOV-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Fasse, J. Peter
; REGISTRATION NUMBER: 32,983
; REFERENCE/DOCKET NUMBER: 07917/025001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-542-5070
; TELEFAX: 617-542-8906
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 228 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: Coding Sequence
; LOCATION: 1....228
US-08-743-200-13

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Best Local Similarity 100.0%; Pred. No. 2.8e-45;
Matches 228; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 2515 AGTCTTCTGCTGATTACAGAAACAATTCAGTGAATTTCTTCAGCGCTCCAAAGTGGGAAA 2574
Db 61 AGTCTTCTGCTGATTACAGAAACAATTCAGTGAATTTCTTCAGCGCTCCAAAGTGGGAAA 120
Qy 2575 GATGAAGCACAAGTTAGAGAGAGAAAATCTCAAGAGAAATGGCTCTGCAGCAAGAGAAA 2634
Db 121 GATGAAGCACAAGTTAGAGAGAGAAAATCTCAAGAGAAATGGCTCTGCAGCAAGAGAAA 180

QY 2635 CTGGCAACTGGACAGAGAGTTTCAGGAGGCTGTGAGAGGCGCTG 2682
Db 181 CTGGCAACTGGACAGAGAGTTTCAGGAGGCTGTGAGAGGCGCTG 228

RESULT 14

US-09-949-016-35518
; Sequence 35518, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 35518
; LENGTH: 601
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-35518

Query Match 3.2%; Score 224.4; DB 3; Length 601;
Best Local Similarity 99.6%; Pred. No. 3.3e-44;
Matches 225; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 6022 GAAGAGGAGAGGTGGTGTGAGAGCCTGGAGAGACACTCTCCCAA 6067
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US-09-949-016-138497
; Sequence 138497, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 138497
; LENGTH: 601

; TYPE: DNA
; ORGANISM: Human
US-09-949-016-138497

Query Match 3.2%; Score 224.4; DB 3; Length 601;
Best Local Similarity 99.6%; Pred. No. 3.3e-44;
Matches 225; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 5902 AAAGTGACACTGAAGGAGCAACAGCAGCTGGAAAGAGGAATTAACAGACCAGAAAAAGC 5961
Db 436 AAAGTGACACTGAAGGAGCAACAGCAGCTGGAAAGAGGAATTAACAGACCAGAAAAAGC 495

QY 5962 AAATGGACCAAGTGCTCTCAAAGTGCTGGCAGCTGAAGAGCGGTGTAGGACTCTGCAG 6021
Db 496 AAATGGACCAAGTGCTCTCAAAGTGCTGGCAGCTGAAGAGCGGTGTAGGACTCTGCAG 555

QY 6022 GAAGAGGAGAGGTGGTGTGAGAGCCTGGAGAGACACTCTCCCAA 6067
Db 556 GAAGAGGAGAGGTGGTGTGAGAGCCTGGAGAGACACTCTCCCAA 601

Search completed: September 1, 2006, 10:43:03
Job time : 1229 secs

GenCore version 5.1.9
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OM nucleic - nucleic search, using sw model

Run on: September 1, 2006, 10:29:52 ; Search time 35463 Seconds
(without alignments)
11502.793 Million cell updates/sec

Title: US-10-663-433-1

Perfect score: 6978

Sequence: 1 atgaagaaagtctcaaca.....agaatgcctcagcagatga 6978

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Gapop 10.0 , Gapext 1.0

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***** HHHHHHHH SSSSSSSS? *****

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***EMCare (File 45)

***Trademarkscan - South Korea (File 655)

***Regulatory Affairs Journals (File 183)

***Index Chemicus (File 302)

***Inspec (File 202)

RESUMED UPDATING

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is now available online.

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***File 196, FINDEX

***File 468, Public Opinion Online (POLL)

Chemical Structure Searching now available in Prous Science Drug Data Report (F452), Prous Science Drugs of the Future (F453), IMS R&D Focus (F445/955), Pharmaprojects (F128/928), Beilstein Facts (F390), Derwent Chemistry Resource (F355) and Index Chemicus (File 302).

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Menu System II: D2 version 1.7.9 term=ASCII

*** DIALOG HOMEBASE(SM) Main Menu ***

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3. Help in Choosing Databases for Your Topic
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/H = Help /L = Logoff /NOMENU = Command Mode

Enter an option number to view information or to connect to an online service. Enter a BEGIN command plus a file number to search a database (e.g., B1 for ERIC).

?

Terminal set to DLINK

*** DIALOG HOMEBASE(SM) Main Menu ***

Information:

1. Announcements (new files, reloads, etc.)
2. Database, Rates, & Command Descriptions
3. Help in Choosing Databases for Your Topic
4. Customer Services (telephone assistance, training, seminars, etc.)
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/H = Help /L = Logoff /NOMENU = Command Mode

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? b biotech biochem medicine

```
>>>          76 is unauthorized
>>>          138 is unauthorized
>>>2 of the specified files are not available
      18sep06 10:04:31 User243084 Session D589.1
      $0.00    0.608 DialUnits FileHomeBase
      $0.00 Estimated cost FileHomeBase
      $0.19 TELNET
      $0.19 Estimated cost this search
      $0.19 Estimated total session cost    0.608 DialUnits
```

SYSTEM:OS - DIALOG OneSearch

```
File 5:Biosis Previews(R) 1969-2006/Sep W2
      (c) 2006 The Thomson Corporation
File 6:NTIS 1964-2006/Sep W1
      (c) 2006 NTIS, Intl Cpyrght All Rights Res
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File 24:CSA Life Sciences Abstracts 1966-2006/Aug
      (c) 2006 CSA.
File 34:SciSearch(R) Cited Ref Sci 1990-2006/Sep W2
      (c) 2006 The Thomson Corp
File 45:EMCare 2006/Sep W2
      (c) 2006 Elsevier B.V.
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File 65:Inside Conferences 1993-2006/Sep 15
(c) 2006 BLDSC all rts. reserv.
File 71:ELSEVIER BIOBASE 1994-2006/Sep W2
(c) 2006 Elsevier B.V.
File 73:EMBASE 1974-2006/Sep 15
(c) 2006 Elsevier B.V.
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(c)2006 Japan Science and Tech Corp(JST)
File 98:General Sci Abs 1984-2006/Sep
(c) 2006 The HW Wilson Co.
File 99:Wilson Appl. Sci & Tech Abs 1983-2006/Jul
(c) 2006 The HW Wilson Co.
File 135:NewsRx Weekly Reports 1995-2006/Sep W2
(c) 2006 NewsRx
File 136:BioEngineering Abstracts 1966-2006/Aug
(c) 2006 CSA.
File 143:Biol. & Agric. Index 1983-2006/Jul
(c) 2006 The HW Wilson Co
File 144:Pascal 1973-2006/Aug W4
(c) 2006 INIST/CNRS
File 155:MEDLINE(R) 1950-2006/Sep 18
(c) format only 2006 Dialog
File 172:EMBASE Alert 2006/Sep 15
(c) 2006 Elsevier B.V.
File 266:FEDRIP 2006/Aug
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File 315:ChemEng & Biotec Abs 1970-2006/Aug
(c) 2006 DECHEMA
File 357:Derwent Biotech Res. _1982-2006/Sep W3
(c) 2006 The Thomson Corp.
File 358:Current BioTech Abs 1983-2006/Jan
(c) 2006 DECHEMA
File 369:New Scientist 1994-2006/Aug W1
(c) 2006 Reed Business Information Ltd.
File 370:Science 1996-1999/Jul W3
(c) 1999 AAAS

***File 370: This file is closed (no updates). Use File 47 for more current information.**

File 399:CA SEARCH(R) 1967-2006/UD=14513
(c) 2006 American Chemical Society

***File 399: Use is subject to the terms of your user/customer agreement.**

IPCR/8 classification codes now searchable as IC=. See HELP NEWSIPCR.

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 2006 The Thomson Corp

File 40:Enviroline(R) 1975-2006/Jul

File 41:Pollution Abstracts 1966-2006/Aug
(c) 2006 CSA.

File 50:CAB Abstracts 1972-2006/Aug
(c) 2006 CAB International

File 103:Energy SciTec 1974-2006/Jul B2
(c) 2006 Contains copyrighted material

***File 103: For access restrictions see Help Restrict.**

File 156:ToxFile 1965-2006/Sep W2
(c) format only 2006 Dialog

File 162:Global Health 1983-2006/Aug
(c) 2006 CAB International

File 305:Analytical Abstracts 1980-2006/Sep W1
(c) 2006 Royal Soc Chemistry

***File 305: Alert feature enhanced for multiple files, duplicate removal, customized scheduling. See HELP ALERT.**

File 393:Beilstein Abstracts 2006/Q3

(c) 2006 Beilstein GmbH
 File 35:Dissertation Abs Online 1861-2006/Aug
 (c) 2006 ProQuest Info&Learning
 File 91:MANTIS(TM) 1880-2006/Jan
 2001 (c) Action Potential
 File 149:TGG Health&Wellness DB(SM) 1976-2006/Sep W1
 (c) 2006 The Gale Group
 File 159:Cancerlit 1975-2002/Oct
 (c) format only 2002 Dialog
***File 159: Cancerlit is no longer updating.**
 Please see HELP NEWS159.
 File 164:Allied & Complementary Medicine 1984-2006/Sep
 (c) 2006 BLHCIS
 File 444:New England Journal of Med. 1985-2006/Sep W1
 (c) 2006 Mass. Med. Soc.
 File 467:ExtraMED(tm) 2000/Dec
 (c) 2001 Informania Ltd.

Set	Items	Description
---	-----	-----
? s	galectin 8	
Processed	10 of	41 files ...
Processed	20 of	41 files ...
Completed processing all files		
S1	52	GALECTIN 8
? rd		

>>>Duplicate detection is not supported for File 393.

>>>Records from unsupported files will be retained in the RD set.

Processing
 Processed 10 of 41 files ...
 Processed 20 of 41 files ...
 Processed 30 of 41 files ...
 S2 47 RD (unique items)
 ? s s2 and (treat? or tumor or metasta?)
 Processing
 Processing
 Processing
 Processing
 Processing
 Processed 10 of 41 files ...
 Processing
 Processing
 Processing
 Processing
 Processed 20 of 41 files ...
 Processing
 Processing
 Processing
 Processing
 Processed 30 of 41 files ...
 Processing
 Processing
 Processing
 Processed 40 of 41 files ...
 Completed processing all files
 47 S2
 18017304 TREAT?
 5292460 TUMOR
 1476870 METASTA?

S3 26 S2 AND (TREAT? OR TUMOR OR METASTA?)

?

PLEASE ENTER A COMMAND OR BE LOGGED OFF IN 5 MINUTES

? show files;ds;t/3,k/all

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File 24:CSA Life Sciences Abstracts 1966-2006/Aug
 (c) 2006 CSA.

File 34:SciSearch(R) Cited Ref Sci 1990-2006/Sep W2
 (c) 2006 The Thomson Corp

File 45:EMCare 2006/Sep W2
 (c) 2006 Elsevier B.V.

File 65:Inside Conferences 1993-2006/Sep 15
 (c) 2006 BLDSC all rts. reserv.

File 71:ELSEVIER BIOBASE 1994-2006/Sep W2
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File 73:EMBASE 1974-2006/Sep 15
 (c) 2006 Elsevier B.V.

File 94:JICST-EPlus 1985-2006/Jun W2
 (c)2006 Japan Science and Tech Corp(JST)

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 (c) 2006 The HW Wilson Co.

File 99:Wilson Appl. Sci & Tech Abs 1983-2006/Jul
 (c) 2006 The HW Wilson Co.

File 135:NewsRx Weekly Reports 1995-2006/Sep W2
 (c) 2006 NewsRx

File 136:BioEngineering Abstracts 1966-2006/Aug
 (c) 2006 CSA.

File 143:Biol. & Agric. Index 1983-2006/Jul
 (c) 2006 The HW Wilson Co

File 144:Pascal 1973-2006/Aug W4
 (c) 2006 INIST/CNRS

File 155:MEDLINE(R) 1950-2006/Sep 18
 (c) format only 2006 Dialog

File 172:EMBASE Alert 2006/Sep 15
 (c) 2006 Elsevier B.V.

File 266:FEDRIP 2006/Aug
 Comp & dist by NTIS, Intl Copyright All Rights Res

File 315:ChemEng & Biotech Abs 1970-2006/Aug
 (c) 2006 DECHEMA

File 357:Derwent Biotech Res. 1982-2006/Sep W3
 (c) 2006 The Thomson Corp.

File 358:Current BioTech Abs 1983-2006/Jan
 (c) 2006 DECHEMA

File 369:New Scientist 1994-2006/Aug W1
 (c) 2006 Reed Business Information Ltd.

File 370:Science 1996-1999/Jul W3
 (c) 1999 AAAS

File 399:CA SEARCH(R) 1967-2006/UD=14513
 (c) 2006 American Chemical Society

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
 (c) 2006 The Thomson Corp

File 40:Enviroline(R) 1975-2006/Jul

File 41:Pollution Abstracts 1966-2006/Aug
 (c) 2006 CSA.

File 50:CAB Abstracts 1972-2006/Aug
 (c) 2006 CAB International

File 103:Energy SciTec 1974-2006/Jul B2
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 File 156:ToxFile 1965-2006/Sep W2
 (c) format only 2006 Dialog
 File 162:Global Health 1983-2006/Aug
 (c) 2006 CAB International
 File 305:Analytical Abstracts 1980-2006/Sep W1
 (c) 2006 Royal Soc Chemistry
 File 393:Beilstein Abstracts 2006/Q3
 (c) 2006 Beilstein GmbH
 File 35:Dissertation Abs Online 1861-2006/Aug
 (c) 2006 ProQuest Info&Learning
 File 91:MANTIS(TM) 1880-2006/Jan
 2001 (c) Action Potential
 File 149:TGG Health&Wellness DB(SM) 1976-2006/Sep W1
 (c) 2006 The Gale Group
 File 159:Cancerlit 1975-2002/Oct
 (c) format only 2002 Dialog
 File 164:Allied & Complementary Medicine 1984-2006/Sep
 (c) 2006 BLHCIS
 File 444:New England Journal of Med. 1985-2006/Sep W1
 (c) 2006 Mass. Med. Soc.
 File 467:ExtraMED(tm) 2000/Dec
 (c) 2001 Informania Ltd.

Set	Items	Description
S1	52	GALECTIN 8
S2	47	RD (unique items)
S3	26	S2 AND (TREAT? OR TUMOR OR METASTA?)

>>>KWIC option is not available in file(s): 399

3/3,K/1 (Item 1 from file: 5)
 DIALOG(R)File 5:Biosis Previews(R)
 (c) 2006 The Thomson Corporation. All rts. reserv.

0014676014 BIOSIS NO.: 200400046771
Chromosomal aberrations, profiles of expression of growth-related markers including galectins and environmental hazards in relation to the incidence of chondroid pulmonary hamartomas.
 AUTHOR: Kayser Klaus (Reprint); Duennwald Delia; Kazmierczak Bernd; Bullerdiek Joern; Kaltner Herbert; Zick Yehiel; Andre Sabine; Gabius Hans-Joachim
 AUTHOR ADDRESS: UICC, Telepathology Consultation Center, Institute of Pathology, Charite, Humboldt University, Schumannstr. 20/21, 10117, Berlin, Germany**Germany
 AUTHOR E-MAIL ADDRESS: klkayser@lung.de
 JOURNAL: Pathology Research and Practice 199 (9): p589-598 2003 2003
 MEDIUM: print
 ISSN: 0344-0338
 DOCUMENT TYPE: Article
 RECORD TYPE: Abstract
 LANGUAGE: English

DESCRIPTORS:
 ...ORGANISMS: PARTS ETC: aberrations, **tumor** development role
 CHEMICALS & BIOCHEMICALS: ...expression profile, **tumor** development role...
 ...expression profile, **tumor** development role...
 ...expression profile, **tumor** development role...

...expression profile, **tumor** development role...
... **galectin 8** ...
...expression profile, **tumor** development role...
...expression profile, **tumor** development role...
...expression profile, **tumor** development role
...GENE NAME: **tumor** development role
MISCELLANEOUS TERMS: ... **tumor** development role...
... **tumor** development role

3/3,K/2 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2006 The Thomson Corporation. All rts. reserv.

0013969726 BIOSIS NO.: 200200563237
Role of galectins in inflammatory and immunomodulatory processes
AUTHOR: Rabinovich Gabriel A (Reprint); Rubinstein Natalia; Toscano Marta A
AUTHOR ADDRESS: Division de Immunogenetica, Hospital de Clinicas "Jose de
San Martin", Facultad de Medicina, Universidad de Buenos Aires, Cordoba
2351, 3er Piso, CP 1120, Buenos Aires, Argentina**Argentina
JOURNAL: Biochimica et Biophysica Acta 1572 (2-3): p274-284 19 September,
2002 2002
MEDIUM: print
ISSN: 0006-3002
DOCUMENT TYPE: Article; Literature Review
RECORD TYPE: Abstract
LANGUAGE: English

...ABSTRACT: of this enigmatic family of animal lectins and their
glycoligands in the progression, diagnosis and **treatment** of different
pathological processes such as autoimmunity, allergy, infection and
chronic inflammation.

DESCRIPTORS:
CHEMICALS & BIOCHEMICALS: ... **galectin 8**

3/3,K/3 (Item 1 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2006 Elsevier B.V. All rts. reserv.

13671366 EMBASE No: 2006159852
**The emerging functionality of endogenous lectins: A primer to the concept
and a case study on galectins including medical implications**
Gabius H.-J.; Wu A.M.
Dr. H.-J. Gabius, Institute of Physiological Chemistry, Faculty of
Veterinary Medicine, Ludwig-Maximilians-University, Veterinarstrasse 13,
D-80539 Munich Germany
AUTHOR EMAIL: gabius@lectins.de
Chang Gung Medical Journal (CHANG GUNG MED. J.) (Taiwan) 2006, 29/1
SPEC. ISS. (37-62)
CODEN: CIHCE ISSN: 0255-8270
DOCUMENT TYPE: Journal ; Review
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH; CHINESE
NUMBER OF REFERENCES: 70

...with biological cell experiments, its relevance for cell sociology, e.g. in growth regulation and **tumor** cell invasion or activated T cell apoptosis. Histopathological monitoring accompanies the biological cell investigations, linking expression of certain family members to **tumor** progression or suppression. Further insights into the functional consequences of the sugar code's translation...

DRUG DESCRIPTORS:

...beta galactosidase; integrin; ganglioside GM1; galectin 1; galectin 2; galectin 3; galectin 4; galectin 7; **galectin 8**

MEDICAL DESCRIPTORS:

...code; energy metabolism; malignant transformation; innate immunity; cell migration; cell growth; hydrogen bond; growth regulation; **tumor** cell; cell invasion; T lymphocyte; apoptosis; histopathology; **tumor** growth; cancer inhibition; glycobiology; genealogy; microphotography; protein structure; human; nonhuman; review; nucleotide sequence

...CAS REGISTRY NO.: ganglioside GM1); 258495-34-0 (galectin 1);

208128-56-7 (galectin 3); 220452-97-1 (**galectin 8**)

3/3,K/4 (Item 2 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2006 Elsevier B.V. All rts. reserv.

13537465 EMBASE No: 2006020056

Thioureido N-acetyllactosamine derivatives as potent galectin-7 and 9N inhibitors

Salameh B.A.; Sundin A.; Leffler H.; Nilsson U.J.

U.J. Nilsson, Organic Chemistry, Lund University, PO Box 124, SE-221 00 Lund Sweden

AUTHOR EMAIL: ulf.nilsson@organic.lu.se

Bioorganic and Medicinal Chemistry (BIOORG. MED. CHEM.) (United Kingdom) 15 FEB 2006, 14/4 (1215-1220)

CODEN: BMECE ISSN: 0968-0896

PUBLISHER ITEM IDENTIFIER: S0968089605009168

DOCUMENT TYPE: Journal ; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 41

...derivative in a three-step reaction sequence involving azide reduction and isothiocyanate formation by thiophosgene **treatment** of the C3-amine, followed by reaction of the isothiocyanate with a panel of amines...

DRUG DESCRIPTORS:

isothiocyanic acid; azide; galectin; galectin 1; **galectin 8** ; galectin 7; galectin 3; unclassified drug

...CAS REGISTRY NO.: 14343-69-2 (azide); 258495-34-0 (galectin 1);

220452-97-1 (**galectin 8**); 208128-56-7 (galectin 3)

3/3,K/5 (Item 3 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2006 Elsevier B.V. All rts. reserv.

13431271 EMBASE No: 2005486328

The coming of age of galectins as immunomodulatory agents: Impact of these carbohydrate binding proteins in T cell physiology and chronic inflammatory disorders

Illarregui J.M.; Bianco G.A.; Toscano M.A.; Rabinovich G.A.

Dr. G.A. Rabinovich, Division Immunogenetica, Hospital de Clinicas Jose de San Martin, Universidad de Buenos Aires, Av. Cordoba 2351, (C1120)

Ciudad de Buenos Aires Argentina
AUTHOR EMAIL: gabyrabi@ciudad.com.ar
Annals of the Rheumatic Diseases (ANN. RHEUM. DIS.) (United Kingdom)
2005, 64/SUPPL. 4 (iv96-iv103)
CODEN: ARDIA ISSN: 0003-4967
DOCUMENT TYPE: Journal ; Conference Paper
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 94

DRUG DESCRIPTORS:

...CD4 antigen--endogenous compound--ec; CD8 antigen--endogenous compound
--ec; galectin 7--endogenous compound--ec; **galectin 8** --endogenous
compound--ec; unindexed drug; unclassified drug

MEDICAL DESCRIPTORS:

...activation; cell differentiation; apoptosis; chronic inflammation
--etiology--et; autoimmunity; cancer--etiology--et; antiinflammatory
activity; immunosuppressive **treatment** ; cellular distribution; protein
structure; cytokine release; myasthenia gravis--drug therapy--dt; allergic
encephalomyelitis--drug therapy...
...CAS REGISTRY NO.: 3); 180189-96-2 (caspase 9); 219306-68-0 (protein bcl
2); 220452-97-1 (**galectin 8**)

3/3,K/6 (Item 4 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2006 Elsevier B.V. All rts. reserv.

13401308 EMBASE No: 2005473657

Human galectin-2: Expression profiling by RT-PCR/immunohistochemistry and its introduction as a histochemical tool for ligand localization

Saal I.; Lensch M.; Lohr M.; Manning J.C.; Decaestecker C.; Andre S.;
Kiss R.; Salmon I.; Gabius H.-J.

Prof. I. Salmon, Laboratory of Pathology, Erasmus University Hospital,
Free University of Brussels, 808 route de Lennik, 1070 Brussels Belgium

AUTHOR EMAIL: isalmon@ulb.ac.be

Histology and Histopathology (HISTOL. HISTOPATHOL.) (Spain) 2005,
20/4 (1191-1208)

CODEN: HIHIE ISSN: 0213-3911

DOCUMENT TYPE: Journal ; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 97

DRUG DESCRIPTORS:

...compound--ec; polyclonal antibody; lectin; galectin 3--endogenous
compound--ec; galectin 4--endogenous compound--ec; **galectin 8** --endogenous
compound--ec

MEDICAL DESCRIPTORS:

...cell nucleus; biotinylation; histopathology; RNA fingerprinting;
prognosis; colon adenocarcinoma; lung adenocarcinoma; thyroid papillary
carcinoma; kidney **tumor** ; bladder carcinoma; human; major clinical study;
controlled study; human tissue; article

CAS REGISTRY NO.: 258495-34-0 (galectin 1); 208128-56-7 (galectin 3);
220452-97-1 (**galectin 8**)

3/3,K/7 (Item 5 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2006 Elsevier B.V. All rts. reserv.

13398981 EMBASE No: 2005445912

Galectin-3 expression in functioning and silent ACTH-producing adenomas

Jin L.; Riss D.; Ruebel K.; Kajita S.; Scheithauer B.W.; Horvath E.; Kovacs K.; Lloyd R.V.

Dr. R.V. Lloyd, Department of Laboratory Medicine and Pathology, Mayo Clinic, 200 First Street, SW, Rochester, MN 55905 United States

AUTHOR EMAIL: lloyd.ricardo@mayo.edu

Endocrine Pathology (ENDOCR. PATHOL.) (United States) 2005, 16/2 (107-114)

CODEN: ENPAF ISSN: 1046-3976

DOCUMENT TYPE: Journal ; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 39

...binding protein, has been implicated in a variety of biological functions including cell growth, differentiation, **tumor** cell adhesion, angiogenesis, **tumor** progression, and **metastasis** . We recently reported that Gal-3 was expressed in a subset of normal pituitary cells...

DRUG DESCRIPTORS:

...galectin 2--endogenous compound--ec; galectin 4--endogenous compound--ec; galectin 7--endogenous compound--ec; **galectin 8** --endogenous compound--ec; galectin--endogenous compound--ec; prolactin--endogenous compound--ec; unclassified drug

CAS REGISTRY NO.: 208128-56-7 (galectin 3); 258495-34-0 (galectin 1); 220452-97-1 (**galectin 8**); 12585-34-1...

3/3,K/8 (Item 6 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2006 Elsevier B.V. All rts. reserv.

13231553 EMBASE No: 2005296600

Glycans and glycan-binding proteins in brain: Galectin-1-induced expression of neurotrophic factors in astrocytes

Endo T.

T. Endo, Glycobiology Research Group, Tokyo Metropolitan Institute of Gerontology, Foundation for Research on Aging and Promotion of Human Welfare, 35-2 Sakaecho, Itabashi-ku, Tokyo 173-0015 Japan

AUTHOR EMAIL: endo@tmig.or.jp

Current Drug Targets (CURR. DRUG TARGETS) (Netherlands) 2005, 6/4 (427-436)

CODEN: CDTUA ISSN: 1389-4501

DOCUMENT TYPE: Journal ; Review

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 121

...new mechanism for preventing neuronal loss after brain injury, and may be useful for the **treatment** of neurodegenerative disorders. (c) 2005 Bentham Science Publishers Ltd.

DRUG DESCRIPTORS:

...galectin 7--endogenous compound--ec; galectin 3--endogenous compound--ec; galectin 4--endogenous compound--ec; **galectin 8** --endogenous compound--ec; CD45 antigen--endogenous compound--ec; Datura stramonium extract --pharmacology--pd

...CAS REGISTRY NO.: 07-2 (glycosyltransferase); 9055-06-5 (mannosyltransferase); 208128-56-7 (galectin 3); 220452-97-1 (**galectin 8**)

3/3,K/9 (Item 7 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2006 Elsevier B.V. All rts. reserv.

13194143 EMBASE No: 2005262349

Galectins as immunoregulators during infectious processes: From microbial invasion to the resolution of the disease

Rabinovich G.A.; Gruppi A.

G.A. Rabinovich, Division Inmunogenetica, Hospital de Clinicas Jose de San Martin, Universidad de Buenos Aires, C1120, Buenos Aires Argentina

AUTHOR EMAIL: gabyrabi@ciudad.com.ar

Parasite Immunology (PARASITE IMMUNOL.) (United Kingdom) 2005, 27/4 (103-114)

CODEN: PAIMD ISSN: 0141-9838

DOCUMENT TYPE: Journal ; Review

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 94

DRUG DESCRIPTORS:

...galectin 2--endogenous compound--ec; galectin 3--endogenous compound--ec ; galectin 4--endogenous compound--ec; **galectin 8** --endogenous compound --ec; carbohydrate binding protein--endogenous compound--ec; galaptin --endogenous compound--ec; glycoconjugate...

...ec; cytokine--endogenous compound--ec; interleukin 2--endogenous compound--ec; gamma interferon--endogenous compound--ec; **tumor** necrosis factor alpha--endogenous compound--ec; interleukin 5--endogenous compound --ec; interleukin 12--endogenous compound...

CAS REGISTRY NO.: 258495-34-0 (galectin 1); 208128-56-7 (galectin 3); 220452-97-1 (**galectin 8**); 118251-01-7 (galaptin); 123897-54-1 (leukosialin); 85898-30-2 (interleukin 2); 82115...

3/3,K/10 (Item 8 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2006 Elsevier B.V. All rts. reserv.

13102501 EMBASE No: 2005151891

Identification and analysis of tumour-associated antigens in hepatocellular carcinoma

Shi Y.-Y.; Wang H.-C.; Yin Y.-H.; Sun W.-S.; Li Y.; Zhang C.-Q.; Wang Y.; Wang S.; Chen W.-F.

W.-F. Chen, Immunology Department, Peking Univ. Health Science Center, Beijing 100083 China

AUTHOR EMAIL: wfchen@public.bta.net.cn

British Journal of Cancer (BR. J. CANCER) (United Kingdom) 14 MAR 2005, 92/5 (929-934)

CODEN: BJCAA ISSN: 0007-0920

DOCUMENT TYPE: Journal ; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 43

DRUG DESCRIPTORS:

* **tumor** antigen--endogenous compound--ec; *cancer testis antigen --endogenous compound--ec; *gene product--endogenous compound--ec ...compound--ec; histone deacetylase 2--endogenous compound--ec; cell cycle protein 37--endogenous compound--ec; **galectin 8** --endogenous compound--ec; galectin 4--endogenous compound--ec; melanoma antigen--endogenous compound --ec; alpha...

CAS REGISTRY NO.: 97794-27-9 (immunoglobulin G); 220452-97-1 (**galectin 8**) ; 9041-92-3 (alpha 1 antitrypsin); 80295-65-4 (complement factor H); 80295-62...

3/3,K/11 (Item 9 from file: 73)

DIALOG(R)File 73:EMBASE

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13095702 EMBASE No: 2005155445

Development of highly stable galectins: Truncation of the linker peptide confers protease-resistance on tandem-repeat type galectins

Nishi N.; Itoh A.; Fujiyama A.; Yoshida N.; Araya S.-I.; Hirashima M.; Shoji H.; Nakamura T.

N. Nishi, Department of Endocrinology, Faculty of Medicine, Kagawa University, 1750-1 Ikenobe, Miki-cho, Kita-gun, Kagawa 761-0793 Japan
AUTHOR EMAIL: nnishi@med.kagawa-u.ac.jp

FEBS Letters (FEBS LETT.) (Netherlands) 11 APR 2005, 579/10
(2058-2064)

CODEN: FEBLA ISSN: 0014-5793

DOCUMENT TYPE: Journal ; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 16

...galectin-8, members of beta-galactoside-binding animal lectin family, are promising agents for the **treatment** of immune-related and neoplastic diseases. The proteins consist of two carbohydrate recognition domains joined...

DRUG DESCRIPTORS:

* **galectin 8** --drug analysis--an; * **galectin 8** --drug comparison--cm; * **galectin 8** --drug development--dv; *galectin--drug analysis--an; *galectin --drug comparison--cm; *galectin--drug development...

CAS REGISTRY NO.: 220452-97-1 (**galectin 8**); 9001-92-7 (proteinase)

3/3,K/12 (Item 10 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2006 Elsevier B.V. All rts. reserv.

13081288 EMBASE No: 2005130124

Toward functional glycomics by localization of tissue lectins: Immunohistochemical galectin fingerprinting during diethylstilbestrol-induced kidney tumorigenesis in male Syrian hamster

Saussez S.; Nonclercq D.; Laurent G.; Wattiez R.; Andre S.; Kaltner H.; Gabius H.-J.; Kiss R.; Toubreau G.

S. Saussez, Laboratory of Histology, Faculty of Medicine and Pharmacy, University of Mons-Hainaut, Ave. Champ de Mars, 6 - Pentagone 1B, 7000 Mons Belgium

AUTHOR EMAIL: sven.saussez@umh.ac.be

Histochemistry and Cell Biology (HISTOCHEM. CELL BIOL.) (Germany)

2005, 123/1 (29-41)

CODEN: HCBIF ISSN: 0948-6143

DOCUMENT TYPE: Journal ; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 103

...unique animal model for the study of estrogen-dependent renal malignancies. Kidney sections of DES- **treated** hamsters (3 days to 11 months of DES exposure) were analyzed by immunohistochemistry using a...
...neoplastic transformation, because small tumorous buds were found to be positive after 1 month of **treatment** . In contrast, galectins-7 and -8 were detected in large tumors and medium-sized tumors...

...HKT-1097 cell line established from SHKT, thus illustrating the stability of galectin expression in **tumor** cells. Our data document the presence and differential regulation of galectins in the course of...

DRUG DESCRIPTORS:

...*galectin 3--endogenous compound--ec; *galectin 4--endogenous compound--ec; *galectin 7--endogenous compound--ec; * **galectin 8** --endogenous compound--ec

MEDICAL DESCRIPTORS:

*glycobiology; *kidney **tumor** ; *carcinogenesis; *immunohistochemistry tissue distribution; protein localization; protein expression; computer analysis; microscopy; tissue section; **tumor** cell; immunofluorescence; protein stability; quantitative analysis; nonhuman; male; controlled study; animal tissue; animal cell; article...

CAS REGISTRY NO.: 258495-34-0 (galectin 1); 208128-56-7 (galectin 3); 220452-97-1 (**galectin 8**); 30498-85-2...

3/3,K/13 (Item 11 from file: 73)

DIALOG(R)File 73:EMBASE

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12755736 EMBASE No: 2004351822

Tumor galectinology: Insights into the complex network of a family of endogenous lectins

Lahm H.; Andre S.; Hoefflich A.; Kaltner H.; Siebert H.-C.; Sordat B.; Von Der Lieth C.-W.; Wolf E.; Gabius H.-J.

Dr. H. Lahm, Immunol.-Molec. Biology Laboratory, Thoraxklinik Heidelberg gGmbH, Amalienstrasse 5, D-69126 Heidelberg Germany

AUTHOR EMAIL: harald.lahm@thoraxklinik-heidelberg.de

Glycoconjugate Journal (GLYCOCONJUGATE J.) (Netherlands) 2003, 20/4 (227-238)

CODEN: GLJOE ISSN: 0282-0080

DOCUMENT TYPE: Journal ; Review

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 119

Tumor galectinology: Insights into the complex network of a family of endogenous lectins

...apoptosis and invasive behavior the notion is supported that they can be considered as functional **tumor** markers. In principle, the same might hold true for the other members of the galectin...

...is expected to make its mark on our understanding of the malignant phenotype in certain **tumor** types. Published in 2004.

DRUG DESCRIPTORS:

beta galactoside; galectin 1; galectin 3; **tumor** marker; galectin 4; **galectin 8** ; protein; messenger RNA; unclassified drug

MEDICAL DESCRIPTORS:

*protein family; * **tumor** --etiology--et

...protein synthesis; gene insertion; amino acid sequence; alternative RNA splicing; amino acid substitution; phenotype; histochemistry; **tumor** cell; DNA fingerprinting; cell type; gel electrophoresis; human; nonhuman; review ; nucleotide sequence; priority journal

CAS REGISTRY NO.: 258495-34-0 (galectin 1); 208128-56-7 (galectin 3); 220452-97-1 (**galectin 8**); 67254-75-5 (protein)

3/3,K/14 (Item 12 from file: 73)

DIALOG(R)File 73:EMBASE

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12523249 EMBASE No: 2004115965

Human galectin-8 isoforms and cancer

Bidon-Wagner N.; Le Pennec J.-P.

J.-P. Le Pennec, LBCM UPRES EA 2594, UBS Campus de Tohannic, Centre de
Recherches Yves COPPENS, BP 573, 56 017 Vannes Cedex France

AUTHOR EMAIL: Jean-Paul.Le-Pennec@univ-ubs.fr

Glycoconjugate Journal (GLYCOCONJUGATE J.) (Netherlands) 2004, 19/7-9
(557-563)

CODEN: GLJOE ISSN: 0282-0080

DOCUMENT TYPE: Journal ; Review

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 43

...prototype group (with one CRD). Various studies showed that galectin-8 is widely expressed in **tumor** tissues as well as in normal tissues. The level of galectin-8 expression may correlate...

...and neuro-endocrine tumors. Recently, the differences in galectin-8 expression levels between normal and **tumor** tissues have been used as a guide for the selection of strategies for the prevention and **treatment** of lung squamous cell carcinoma. These experiments are still under investigation, but demonstrate the potential...

DRUG DESCRIPTORS:

* **galectin 8** --endogenous compound--ec

MEDICAL DESCRIPTORS:

...cell; RNA splicing; polyadenylation; tandem repeat; protein expression; cell differentiation; lung squamous cell carcinoma; neuroendocrine **tumor** ; colon cancer--diagnosis--di; lung cancer--diagnosis--di; human; nonhuman; review; priority journal

CAS REGISTRY NO.: 220452-97-1 (**galectin 8**)

3/3,K/15 (Item 13 from file: 73)

DIALOG(R)File 73:EMBASE

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12523244 EMBASE No: 2004115960

Role of galectin-8 as a modulator of cell adhesion and cell growth

Zick Y.; Eisenstein M.; Goren R.A.; Hadari Y.R.; Levy Y.; Ronen D.

Y. Zick, Department of Molecular Cell Biology, Weizmann Institute of
Science, Rehovot 76100 Israel

AUTHOR EMAIL: Yehiel.zick@weizmann.ac.il

Glycoconjugate Journal (GLYCOCONJUGATE J.) (Netherlands) 2004, 19/7-9
(517-526)

CODEN: GLJOE ISSN: 0282-0080

DOCUMENT TYPE: Journal ; Review

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 79

...best example studied thus far. The overexpressed lectin might give these neoplasms some growth and **metastasis** related advantages due to its ability to modulate cell adhesion and cellular growth. Hence, galectin...

DRUG DESCRIPTORS:

* **galectin 8**

MEDICAL DESCRIPTORS:

...signal transduction; protein phosphorylation; regulatory mechanism; cell migration; protein expression; correlation analysis; neoplasm; prostate cancer; **metastasis** ; extracellular matrix; molecular interaction; protein

structure; human; nonhuman; review; priority journal
CAS REGISTRY NO.: 220452-97-1 (**galectin 8**); 86088-83-7 (fibronectin);
16870-43-2...

3/3,K/16 (Item 14 from file: 73)
DIALOG(R)File 73:EMBASE
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12523243 EMBASE No: 2004115959
Regulation of cellular homeostasis by galectins
Hsu D.K.; Liu F.-T.
D.K. Hsu, Department of Dermatology, University of California-Davis, 4645
Second Avenue, Sacramento, CA 95817 United States
AUTHOR EMAIL: dkhsu@ucdavis.edu
Glycoconjugate Journal (GLYCOCONJUGATE J.) (Netherlands) 2004, 19/7-9
(507-515)
CODEN: GLJOE ISSN: 0282-0080
DOCUMENT TYPE: Journal ; Review
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 76

DRUG DESCRIPTORS:

*galectin 1; *galectin 3; * **galectin 8**
...pharmacology--pd; Fas antibody--pharmacology--pd; cisplatin
--pharmacology--pd; genistein--pharmacology--pd; cycloheximide
--pharmacology--pd; **tumor** necrosis factor alpha--pharmacology--pd;
unclassified drug
CAS REGISTRY NO.: 258495-34-0 (galectin 1); 208128-56-7 (galectin 3);
220452-97-1 (**galectin 8**); 62996-74-1 (staurosporine); 15663-27-1...

3/3,K/17 (Item 15 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2006 Elsevier B.V. All rts. reserv.

12222790 EMBASE No: 2003333042
Molecular biological fingerprinting of human lectin expression by RT-PCR
Lahm H.; Andre S.; Hoeflich A.; Fischer J.R.; Sordat B.; Kaltner H.; Wolf
E.; Gabius H.-J.
H. Lahm, Institute of Physiological Chemistry, Ludwig-Maximilians
University, Veterinarstrasse 13, Munich D-80539 Germany
Methods in Enzymology (METHODS ENZYMOL.) (United States) 2003, 362/-
(287-297)
CODEN: MENZA ISSN: 0076-6879
DOCUMENT TYPE: Journal ; Article
LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 39

DRUG DESCRIPTORS:

...ec; glycoconjugate--endogenous compound--ec; galectin 1--endogenous
compound--ec; galectin 3--endogenous compound--ec; **galectin 8** --endogenous
compound--ec; DNA--endogenous compound--ec; messenger RNA--endogenous
compound--ec; isoprotein--endogenous compound--ec; **tumor** antigen
--endogenous compound--ec; unclassified drug

MEDICAL DESCRIPTORS:

...transcription polymerase chain reaction; molecular biology; 5'
untranslated region; Western blotting; fluorescence activated cell sorter;
tumor cell; human; nonhuman; article; priority journal
...DRUG TERMS (UNCONTROLLED): 4--endogenous compound--ec; galectin 7

--endogenous compound--ec; ecalectin--endogenous compound--ec; prostate carcinoma **tumor** antigen 1--endogenous compound--ec; dectin 2--endogenous compound--ec; plasmacytoid dendritic cell specific antigen...
CAS REGISTRY NO.: 258495-34-0 (galectin 1); 208128-56-7 (galectin 3);
220452-97-1 (**galectin 8**); 9007-49-2 (DNA)

3/3,K/18 (Item 16 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2006 Elsevier B.V. All rts. reserv.

12164638 EMBASE No: 2003268648

Extracellular matrix proteins modulate endocytosis of the insulin receptor

Boura-Halfon S.; Voliovitich H.; Feinstein R.; Paz K.; Zick Y.
United States
AUTHOR EMAIL: yehiel.zick@weizmann.ac.il
Journal of Biological Chemistry (J. BIOL. CHEM.) (United States) 02
MAY 2003, 278/18 (16397-16404)
CODEN: JBCHA ISSN: 0021-9258
DOCUMENT TYPE: Journal ; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 44

...was assayed in CHO-T cells (adherent onto fibronectin), whose actin filaments were disrupted upon **treatment** with latrunculin B. Latrunculin B did not affect insulin-induced Tyr phosphorylation of IR or...

...still, a 30-50% reduction in the rate of IR internalization was observed in cells **treated** with latrunculin B. **Treatment** of cells with nocodazole, which disrupts formation of microtubules, did not affect IR internalization. These...

DRUG DESCRIPTORS:

tyrosine--endogenous compound--ec; pleckstrin--endogenous compound--ec;
galectin 8 --endogenous compound--ec; integrin--endogenous compound--ec;
ligand; fibronectin--endogenous compound--ec; collagen--endogenous...
...CAS REGISTRY NO.: 60-18-4 (tyrosine); 220452-97-1 (**galectin 8**);
86088-83-7 (fibronectin); 9007-34-5 (collagen); 2408-79-9 (laminin);
39409-31...

3/3,K/19 (Item 17 from file: 73)
DIALOG(R)File 73:EMBASE
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12147218 EMBASE No: 2003257870

Combined analysis of tumor growth pattern and expression of endogenous lectins as a prognostic tool in primary testicular cancer and its lung metastases

Kayser K.; Hoeft D.; Hufnagl P.; Caselitz J.; Zick Y.; Andre S.; Kaltner H.; Gabius H.-J.
Prof. Dr. K. Kayser, Langgewart 39, D-69121 Heidelberg Germany
AUTHOR EMAIL: klkayser@lung.de
Histology and Histopathology (HISTOL. HISTOPATHOL.) (Spain) 2003,
18/3 (771-779)
CODEN: HIHIE ISSN: 0213-3911
DOCUMENT TYPE: Journal ; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 65

Combined analysis of tumor growth pattern and expression of endogenous lectins as a prognostic tool in primary testicular cancer and its lung metastases

...analyze expression of distinct growth/adhesion-related markers of primary testicular carcinomas and their lung **metastases** in relation to the risk of developing lung **metastases** and survival of patients, and to correlate immunohistochemical staining profile and syntactic structure analysis in order to delineate new prognostic parameters for this **tumor** type. Clinical features of 50 patients with primary testicular carcinomas and their corresponding lung **metastases** were evaluated and compared to those of a control cohort of 25 cases. The set...

...antiKi-67, anti-bcl-2, and anti-p53 was applied to formalin-fixed, paraffin-embedded **tumor** sections of both primary and **metastatic** lesions. Syntactic structure analysis computed staining intensities and structural features of the **tumor** cells. These parameters were set into relation separately and in combination to clinical data including **tumor** stages, smoking habits, applied cytostatic therapy, disease-free interval, and survival. The risk of testis cancer patients to develop lung **metastases** depends in descending order on the **tumor** cell type (non-seminoma versus seminoma), **tumor** cell heterogeneity (mixed versus monomorphous cell type), age of patients, and pT stage. The extent...

...combination with data from syntactic structure analysis, for example cluster radius of galectin-3-positive **tumor** cells and post-surgical and total survival. Lengths of disease-free interval and total survival...
...and of p53. Patients with non-seminoma testicular cancer should be thoroughly controlled for lung **metastases**. Regarding marker selection, our study underscores that further investigation of the growth-regulatory network of...

DRUG DESCRIPTORS:

galectin--endogenous compound--ec; galectin 1--endogenous compound--ec;
galectin 3--endogenous compound--ec; **galectin 8** --endogenous compound--ec;
Ki 67 antigen--endogenous compound--ec; protein bcl 2--endogenous compound
...

...dt; bleomycin--drug combination--cb; cytotoxic agent--drug therapy--dt;
cytotoxic agent--drug combination--cb; **tumor** marker--endogenous compound
--ec; antibody

MEDICAL DESCRIPTORS:

*testis cancer--etiology--et; *testis cancer--drug therapy--dt; *lung
metastasis --complication--co; *lung **metastasis** --drug therapy--dt; *lung
metastasis --etiology--et; *lung **metastasis** --surgery--su

CAS REGISTRY NO.: 258495-34-0 (galectin 1); 208128-56-7 (galectin 3);
220452-97-1 (**galectin 8**); 219306-68-0 (protein bcl 2); 15663-27-1...

3/3,K/20 (Item 18 from file: 73)

DIALOG(R)File 73:EMBASE

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12031844 EMBASE No: 2003143808

Refined prognostic evaluation in colon carcinoma using immunohistochemical galectin fingerprinting

Nagy N.; Legendre H.; Engels O.; Andre S.; Kaltner H.; Wasano K.; Zick Y.
; Pector J.-C.; Decaestecker C.; Gabius H.-J.; Salmon I.; Kiss R.
Dr. R. Kiss, Laboratory of Histopathology, Faculty of Medicine,
Universite Libre de Bruxelles, 808 route de Lennik, 1070 Brussels
Belgium

AUTHOR EMAIL: rkiss@ulb.ac.be
Cancer (CANCER) (United States) 15 APR 2003, 97/8 (1849-1858)
CODEN: CANCA ISSN: 0008-543X
DOCUMENT TYPE: Journal ; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 34

...55 colon carcinomas (including 10 Dukes A, 16 Dukes B, 15 Dukes C, and 14 **metastatic** tumors that the authors labeled "Stage D"). The immunohistochemical levels of expression of the four...

...with significant and separate prognostic values that depend on the Dukes stage of the colon **tumor** . In particular, the authors observed a significant prognostic value associated with galectins-1, -3, and...

DRUG DESCRIPTORS:

*galectin 1--endogenous compound--ec; *galectin 3--endogenous compound--ec;
* **galectin 8** --endogenous compound--ec; *protein--endogenous compound--ec

MEDICAL DESCRIPTORS:

prognosis; immunohistochemistry; **metastasis** ; protein expression;
microscopy; quantitative analysis; protein determination; cancer staging;
computer analysis; human; male; female; major...

CAS REGISTRY NO.: 258495-34-0 (galectin 1); 208128-56-7 (galectin 3);
220452-97-1 (**galectin 8**); 67254-75-5 (protein)

3/3,K/21 (Item 19 from file: 73)

DIALOG(R)File 73:EMBASE

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11500431 EMBASE No: 2002072071

Galectin-8 expression decreases in cancer compared with normal and dysplastic human colon tissue and acts significantly on human colon cancer cell migration as a suppressor

Nagy N.; Bronckart Y.; Camby I.; Legendre H.; Lahm H.; Kaltner H.; Hadari Y.; Van Ham P.; Yeaton P.; Pector J.-C.; Zick Y.; Salmon I.; Danguy A.; Kiss R.; Gabius H.-J.

R. Kiss, Laboratory of Histopathology, Faculty of Medicine, Universite Libre de Bruxelles, 808 route de Lennik, 1070 Brussels Belgium

AUTHOR EMAIL: rkiss@ulb.ac.be

Gut (GUT) (United Kingdom) 2002, 50/3 (392-401)

CODEN: GUTTA ISSN: 0017-5749

DOCUMENT TYPE: Journal ; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 49

DRUG DESCRIPTORS:

* **galectin 8** ; *beta galactoside

MEDICAL DESCRIPTORS:

protein expression; cell adhesion; immunohistochemistry; **tumor** xenograft;
ligand binding; cell proliferation; cancer invasion; malignant transformation; **tumor** growth; protein family; human; human tissue; human cell; article; priority journal

CAS REGISTRY NO.: 220452-97-1 (**galectin 8**)

3/3,K/22 (Item 20 from file: 73)

DIALOG(R)File 73:EMBASE

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11480743 EMBASE No: 2002051654

Galectin fingerprinting by immuno- and lectin histochemistry in cutaneous lymphoma

Wollina U.; Graefe T.; Feldrappe S.; Andre S.; Wasano K.; Kaltner H.; Zick Y.; Gabius H.-J.

U. Wollina, Department of Dermatology, Hospital Dresden-Friedrichstadt, PO Box 12 09 06, 01008 Dresden Germany

AUTHOR EMAIL: Wollina-Uw@khdf.de

Journal of Cancer Research and Clinical Oncology (J. CANCER RES. CLIN. ONCOL.) (Germany) 2002, 128/2 (103-110)

CODEN: JCROD ISSN: 0171-5216

DOCUMENT TYPE: Journal ; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 62

...expression of galectins (endogenous beta-galactoside-binding lectins) and their binding sites has relevance for **tumor** biology. Using galectin-type-specific reagents (non-crossreactive antibodies for proto-type galectin-1, chimera...

DRUG DESCRIPTORS:

*galectin; *galectin 1; *galectin 3; * **galectin 8**

CAS REGISTRY NO.: 258495-34-0 (galectin 1); 208128-56-7 (galectin 3);

220452-97-1 (**galectin 8**); 219306-68-0 (protein bcl 2); 23214-92-8...

3/3,K/23 (Item 21 from file: 73)

DIALOG(R)File 73:EMBASE

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11443168 EMBASE No: 2002015953

Immunohistochemical expression of the intracellular component of galectin-8 in squamous cell metaplasia of the bronchial epithelium in neoplastic and benign processes

Caulet-Maugendre S.; Birolleau S.; Corbineau H.; Bassen R.; Desrues B.; Bidon N.; Delaval P.; Ramee M.-P.; Brichory F.; Dazord L.

S. Caulet-Maugendre, Department of Pathology B, Centre Hospitalier-Regional, Universitaire Pontchaillou, 2 rue Henri Le Guilloux, 35033 Rennes Cedex 09 France

Pathology Research and Practice (PATHOL. RES. PRACT.) (Germany) 2001, 197/12 (797-801)

CODEN: PARPD ISSN: 0344-0338

DOCUMENT TYPE: Journal ; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 38

...galectin family with a strong homology with galectin-8 (PCTA-1), identified as a human **tumor** -associated antigen. We studied Po66 in squamous metaplasia of the bronchi in order to determine...

...of galectin-8 according to the functions of galectins in cellular differentiation, host reaction against **tumor** , and inflammation.

DRUG DESCRIPTORS:

* **galectin 8** --endogenous compound--ec

...G1--endogenous compound--ec; monoclonal antibody--endogenous compound--ec; carbohydrate binding protein--endogenous compound--ec; **tumor** antigen--endogenous compound--ec; formaldehyde; paraffin; streptavidin; biotin; peroxidase

MEDICAL DESCRIPTORS:

immunohistochemistry; bronchus mucosa; protein expression; malignant neoplastic disease; benign **tumor** ; cell proliferation; cell differentiation; cell adhesion; cell migration; cancer risk; inflammation;

stroma cell; disease association...

CAS REGISTRY NO.: 220452-97-1 (**galectin 8**); 50-00-0 (formaldehyde);
9013-20-1 (streptavidin); 58-85-5 (biotin); 9003-99...

3/3,K/24 (Item 22 from file: 73)

DIALOG(R)File 73:EMBASE

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11252999 EMBASE No: 2001268017

Immunohistochemical profile of galectin-8 expression in benign and malignant tumours of epithelial, mesenchymatous and adipous origins, and of the nervous system

Danguy A.; Rorive S.; Decaestecker C.; Bronckart Y.; Kaltner H.; Hadari Y.R.; Goren R.; Zich Y.; Petein M.; Salmon I.; Gabius H.-J.; Kiss R.

Dr. R. Kiss, Laboratory of Histopathology, Faculty of Medicine, Free University of Brussels, 808 route de Lennik, 1070 Brussels Belgium

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Histology and Histopathology (HISTOL. HISTOPATHOL.) (Spain) 2001, 16/3 (861-868)

CODEN: HIHIE ISSN: 0213-3911

DOCUMENT TYPE: Journal ; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 38

...whether the immunohistochemical expression of galectin-8 could be used as a diagnostic marker in **tumor** tissues of various histogenetic origins including specimens from epithelial (n=145), mesenchymatous (n=16), adipous

MEDICAL DESCRIPTORS:

*epithelium **tumor** --diagnosis--di; *connective tissue **tumor** --diagnosis--di; *lipoma--diagnosis--di; *brain **tumor** --diagnosis--di; *malignant neoplastic disease--diagnosis--di; *benign **tumor** --diagnosis--di

...controlled study; immunohistochemistry; protein expression; mesenchyme; mesothelioma; disease marker; diagnostic value; histopathology; central nervous system **tumor** ; peripheral nervous system; colon **tumor** ; pancreas **tumor** ; liver **tumor** ; skin **tumor** ; larynx **tumor** ; regulatory mechanism; prognosis; article

DRUG TERMS (UNCONTROLLED): **galectin 8** --endogenous compound--ec

3/3,K/25 (Item 23 from file: 73)

DIALOG(R)File 73:EMBASE

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11182240 EMBASE No: 2001195941

Sodium butyrate induces growth inhibition and modulates galectin-8 expression in human lung carcinoma cells

Bidon N.; Brichory F.; Thomas D.; Cavalier A.; Caulet-Maugendre S.; Bourguet P.; Dazord L.

N. Bidon, Centre Eugene Marquis, Departement de Medecine Nucleaire, UPRES EA 1794, CS 44229, 35042 Rennes Cedex France

AUTHOR EMAIL: nbidon@univ-rennes1.fr

Anticancer Research (ANTICANCER RES.) (Greece) 2001, 21/2 A (1049-1056)

CODEN: ANTRD ISSN: 0250-7005

DOCUMENT TYPE: Journal ; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 28

...Binding Protein (Po66-CBP) belongs to the galectin-8 family and is expressed in lung **tumor** cells but not in normal ones. Recent studies showed that galectin-8 could be used for human lung squamous cell carcinoma radioimmunotherapy. To optimize this method of **treatment**, we attempted to increase galectin-8 expression in human lung **tumor** cells. A human lung squamous (SK-MES-1) or adeno (A 549) carcinoma cell line...

...3 mM of sodium butyrate inhibited the two cell lines' growth after 48 hours of **treatment**, but only in SK-MES-1 cells galectin-8 expression is modulated without any secretion...

DRUG TERMS (UNCONTROLLED): **galectin 8** --endogenous compound--ec

3/3,K/26 (Item 24 from file: 73)

DIALOG(R)File 73:EMBASE

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10869496 EMBASE No: 2000350942

Molecular characterization of Prostate Carcinoma Tumor Antigen-1, PCTA-1, a human Galectin-8 related gene

Gopalkrishnan R.V.; Roberts T.; Tuli S.; Kang D.-C.; Christiansen K.A.; Fisher P.B.

Prof. P.B. Fisher, Departments of Pathology and Urology, Columbia University, Coll. of Physicians/Surgeons BB-1501, 603 West 168th Street, New York, NY 10032 United States

Oncogene (ONCOGENE) (United Kingdom) 07 SEP 2000, 19/38 (4405-4416)

CODEN: ONCNE ISSN: 0950-9232

DOCUMENT TYPE: Journal; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 64

Molecular characterization of Prostate Carcinoma Tumor Antigen-1, PCTA-1, a human Galectin-8 related gene

...as a whole, or for individual members has proven elusive. The isolation of Prostate Carcinoma **Tumor** Antigen-1 (PCTA-1), a cDNA closely related to rat and human Galectin-8, as...

...ubiquitous in normal human tissues and could alter in specific contexts such as transformation or **metastasis**. Multiple expression isoforms of PCTA-1 at file mRNA level are observed. PCTA-1 maps...

DRUG DESCRIPTORS:

*galectin; * **tumor** antigen

MEDICAL DESCRIPTORS:

protein family; antigen expression; **metastasis**; chromosome 1q; cancer susceptibility; gene overexpression; phenotype; human; nonhuman; male; rat; human tissue; article; nucleotide...

DRUG TERMS (UNCONTROLLED): **galectin 8**; prostate carcinoma **tumor** antigen

1

?

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Title of Invention: CENTRO SOME PROTEINS...

Inventors (please provide full names): S. J. DOXSEY

Earliest Priority Date: 9-15-03

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1-6978 NA